EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	795	((564/169) or (514/621)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 19:02
L2	2502930	"2005".py. or "2006".py.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 19:02
L3	31	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 19:02

Application Number [ ] SEARCH

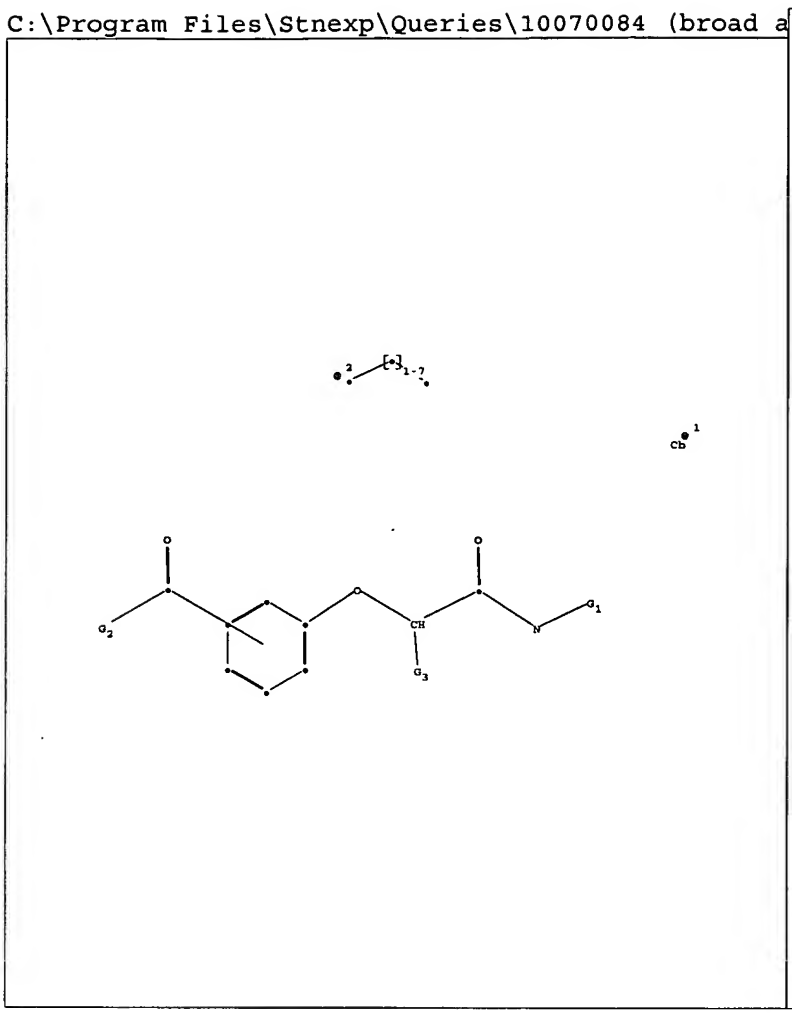
IDS Flag Clearance for Application 10070084

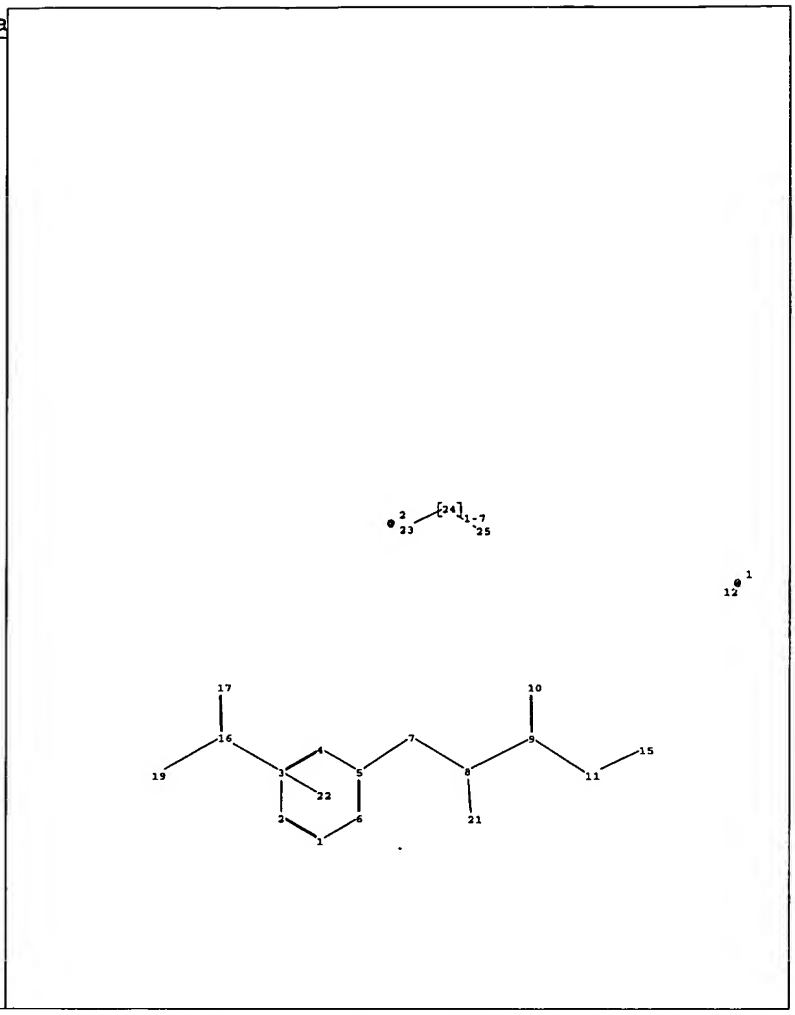
IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Reviewer
M844	01-22-2003	12	☑	09-29-2003 15:17:53 swhibley
M844	03-16-2005	30	☑	03-25-2005 10:16:35 tsuggs
M844	05-13-2005	40	☑	05-23-2005 07:03:36 gtrammell
M844	12-22-2005	50	☑	03-28-2006 19:03:07 DRao

UPDATE

C:\Program Files\Stnexp\Queries\10070084 (broad a





chain nodes :
7 8 9 10 11 12 15 16 17 19 21 23 24 25
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 8-21 9-10 9-11 11-15 16-19 16-17 23-24 24-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
5-7 7-8 8-21 9-10 9-11 11-15 16-19 16-17
exact bonds :
8-9 23-24 24-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

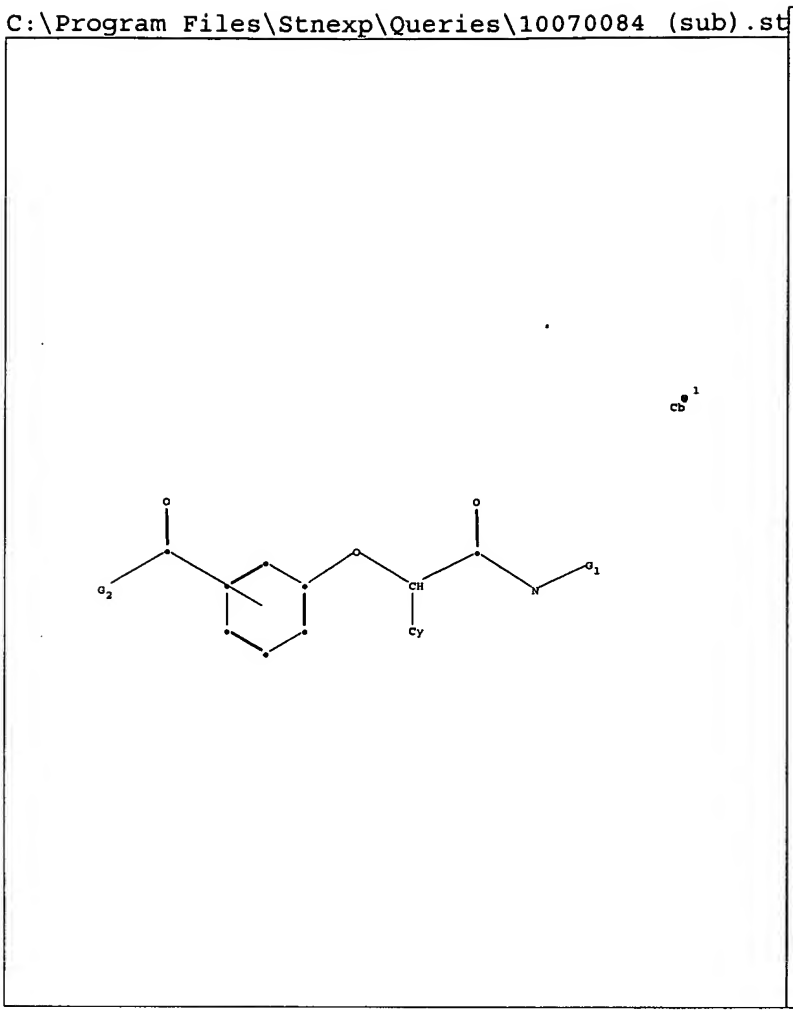
G1:OH,Hy,[*1]

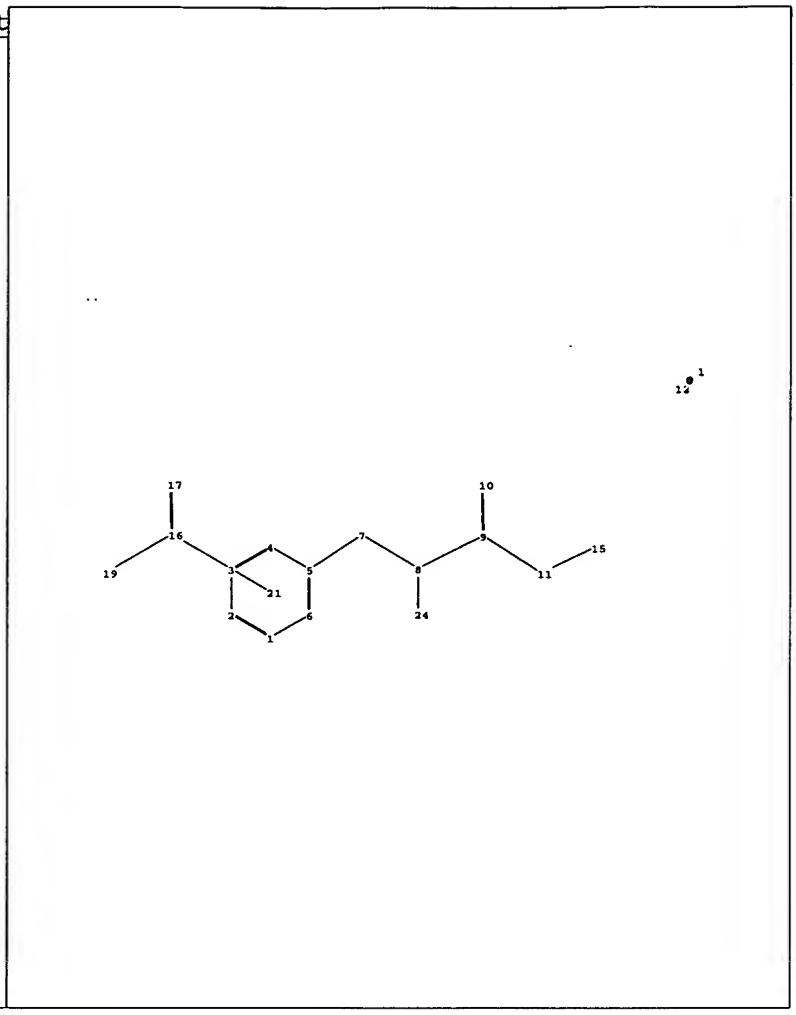
G2:Hy,[*1]

G3:H,Cl,Br,F,I,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:Atom 15:CLASS 16:CLASS 17:CLASS 19:CLASS 21:CLASS 22:CLASS 23:CLASS
24:CLASS 25:CLASS
Generic attributes :
12:
Saturation : Unsaturated

C:\Program Files\Stnexp\Queries\10070084 (sub).st





chain nodes :
7 8 9 10 11 12 15 16 17 19 24
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 8-24 9-10 9-11 11-15 16-19 16-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
5-7 7-8 8-24 9-10 9-11 11-15 16-19 16-17
exact bonds :
8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

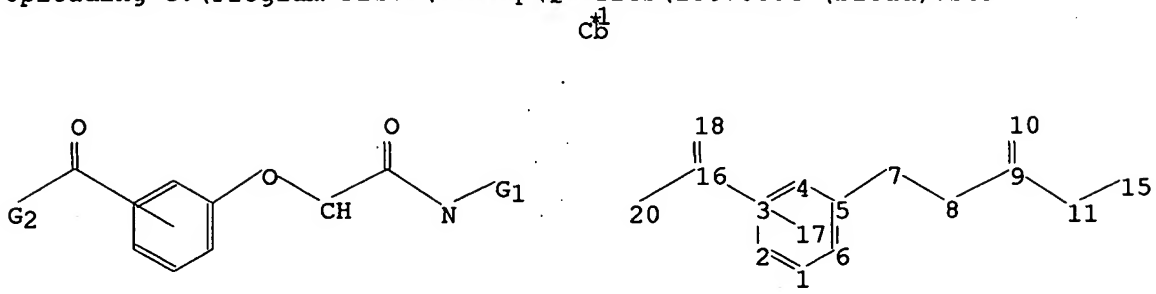
G1:OH,Hy,[*1]

G2:Hy,[*1]

G3:H,Cl,Br,F,I,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:Atom 15:CLASS 16:CLASS 17:CLASS 19:CLASS 21:CLASS 24:Atom
Generic attributes :
12:
Saturation : Unsaturated

=>
Uploading C:\Program Files\Stnexp\Queries\10070084 (broad).str



chain nodes :
7 8 9 10 11 12 15 16 18 20
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 9-10 9-11 11-15 16-18 16-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
5-7 7-8 9-10 9-11 11-15 16-18 16-20
exact bonds :
8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:OH,Hy,[*1]

G2:Hy,[*1]

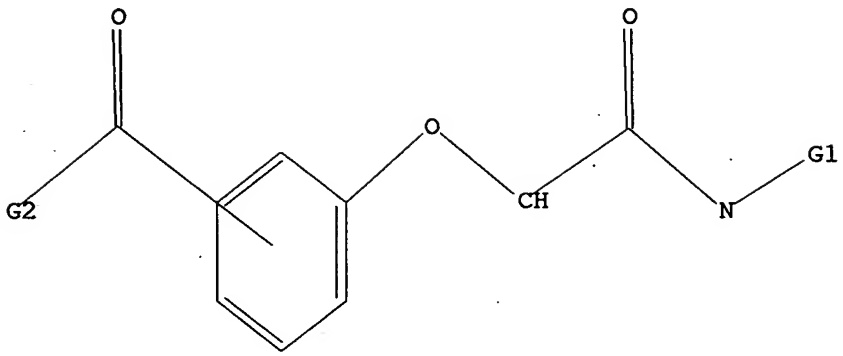
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 20:CLASS
Generic attributes :
12:
Saturation : Unsaturated

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS
L1 STR

Cb[1]



G1 OH,Hy,[@1]
G2 Hy,[@1]

Structure attributes must be viewed using STN Express query preparation.

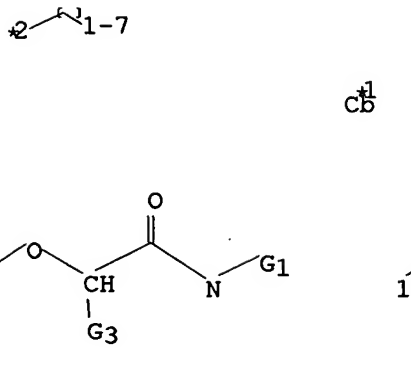
=> s l1 sss sam
SAMPLE SEARCH INITIATED 13:39:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 11928 TO ITERATE

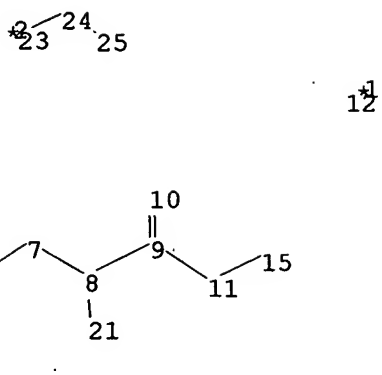
16.8% PROCESSED 2000 ITERATIONS 6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 232017 TO 245103
PROJECTED ANSWERS: 357 TO 1073

L2 6 SEA SSS SAM L1

=> =>
Uploading C:\Program Files\Stnexp\Queries\10070084 (broad a).str





chain nodes :
7 8 9 10 11 12 15 16 17 19 21 23 24 25
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 8-21 9-10 9-11 11-15 16-19 16-17 23-24 24-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
5-7 7-8 8-21 9-10 9-11 11-15 16-19 16-17
exact bonds :
8-9 23-24 24-25
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:OH,Hy,[*1]

G2:Hy,[*1]

G3:H,Cl,Br,F,I,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:Atom 15:CLASS 16:CLASS 17:CLASS 19:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS
Generic attributes :
12:
Saturation : Unsaturated

```
L3      STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l3 sss sam
SAMPLE SEARCH INITIATED 13:47:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    11928 TO ITERATE

 16.8% PROCESSED     2000 ITERATIONS                                  6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       232017 TO   245103
PROJECTED ANSWERS:             357 TO     1073

L4            6 SEA SSS SAM L3

=> => s l3 sss ful
FULL SEARCH INITIATED 13:49:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   239248 TO ITERATE

100.0% PROCESSED   239248 ITERATIONS                              276 ANSWERS
SEARCH TIME: 00.00.06

L5          276 SEA SSS FUL L3

=>
Uploading C:\Program Files\Stnexp\Queries\10070084 (sub).str
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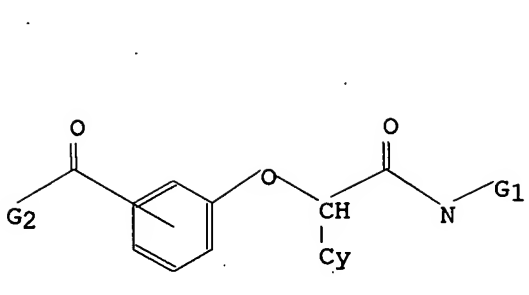
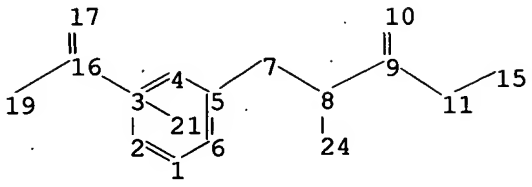




chain nodes :
7 8 9 10 11 12 15 16 17 19 24
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 8-24 9-10 9-11 11-15 16-19 16-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
5-7 7-8 8-24 9-10 9-11 11-15 16-19 16-17
exact bonds :
8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:OH,Hy,[*1]

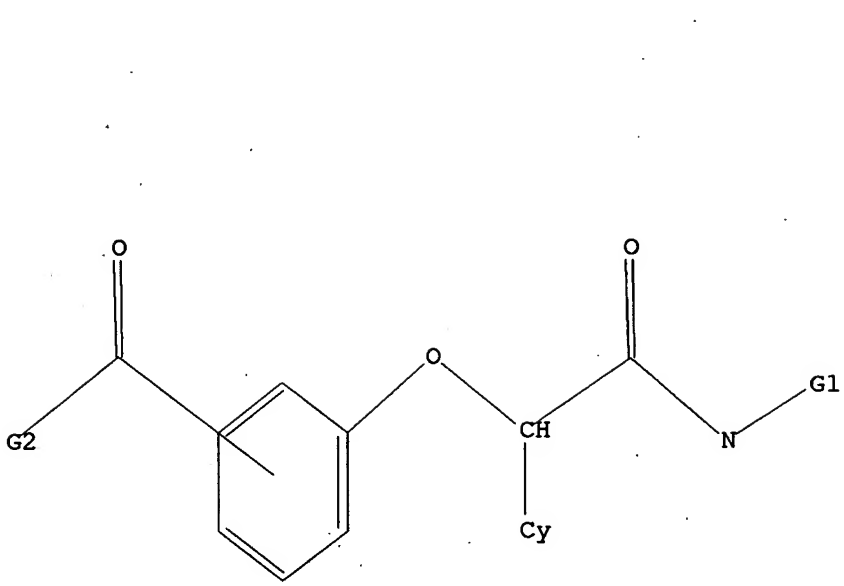
G2:Hy,[*1]

G3:H,Cl,Br,F,I,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:Atom 15:CLASS 16:CLASS 17:CLASS 19:CLASS 21:CLASS 24:Atom
Generic attributes :
12:
Saturation : Unsaturated

L6 STRUCTURE UPLOADED

```
=> d 16
L6 HAS NO ANSWERS
L6                STR
```



G1 OH,Hy,[@1]

G2 Hy,[@1]

G3 H,Cl,Br,F,I,Me,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Structure attributes must be viewed using STN Express query preparation.

```
=> s 16 sub=15 sss sam
SAMPLE SUBSET SEARCH INITIATED 13:51:21 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -       16 TO ITERATE

100.0% PROCESSED       16 ITERATIONS                              1 ANSWERS
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):          ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):          80 TO      560
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):              1 TO       80

L7            1 SEA SUB=L5 SSS SAM L6

=> s 16 sub=15 sss ful
FULL SUBSET SEARCH INITIATED 13:51:29 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -      276 TO ITERATE

100.0% PROCESSED      276 ITERATIONS                              7 ANSWERS
SEARCH TIME: 00.00.01

L8            7 SEA SUB=L5 SSS FUL L6

=> s l5 not l8
```

```
L9          269 L5 NOT L8

=> => s l9
L10          34 L9

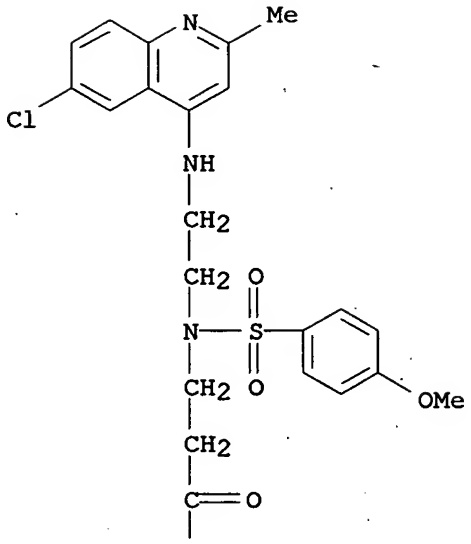
=> d l10 1-34 bib,ab,hitstr
```

L10 ANSWER 1 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:284145 CAPLUS
DN 142:355177
TI Preparation of aminoquinolines for treating inflammatory and immune diseases
IN Lin, Chu-Chung; Liu, Jen-Fuh; Chang, Chih-Wei; Chen, Shu-Jen; Xiang, Yibin; Cheng, Pei-Chin; Jan, Jiing-Jyh
PA Taiwan
SO U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 819,646.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

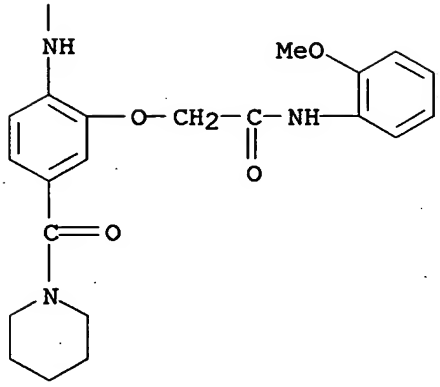
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005070573	A1	20050331	US 2004-953937	20040929
US 2004209902	A1	20041021	US 2004-819646	20040406
AU 2004229404	A1	20041028	AU 2004-229404	20040406
CA 2521619	AA	20041028	CA 2004-2521619	20040406
EP 1613322	A2	20060111	EP 2004-759214	20040406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
PRAI US 2003-462495P	P	20030411		
US 2004-551750P	P	20040309		
US 2004-819646	A2	20040406		
WO 2004-US10695	W	20040406		

OS MARPAT 142:355177
AB The title compds. I [X1-X4 = C; R1, R2 = H, alkyl; or R1 and R2 together are cycloalkyl; R3, R4 = H, AN(B)D; R5-R8 = H, alkyl, or halo; A = alkyl optionally containing 1-6 heteroatoms; B = H, alkyl; D = alkyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, etc.; or B and D together are heterocycloalkyl or heteroaryl] that bind to CXCR3 receptors and therefore are useful for treating inflammatory and immune diseases, were prepared E.g., a multi-step synthesis of II, starting from 4,6-dichloro-2-methylquinoline, was given. Ninety exemplified compds. I were tested for their efficacy in blocking activation of CXCR3 using a DELFIA GTP-binding kit (Wallac Oy, Turku, Finland). Unexpectedly, 51 compds. showed IC50 values lower than 1.0 μM, 22 compds. showed IC50 values between 1 μM and 10.0 μM, and 17 compds. showed IC50 values greater than 10.0 μM. The pharmaceutical composition comprising the compound I is disclosed.
IT **849111-51-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aminoquinolines for treating inflammatory and immune diseases)
RN 849111-51-9 CAPLUS
CN Propanamide, 3-[[2-[(6-chloro-2-methyl-4-quinolinyl)amino]ethyl][(4-methoxyphenyl)sulfonyl]amino]-N-[2-[2-[(2-methoxyphenyl)amino]-2-oxoethoxy]-4-(1-piperidinylcarbonyl)phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



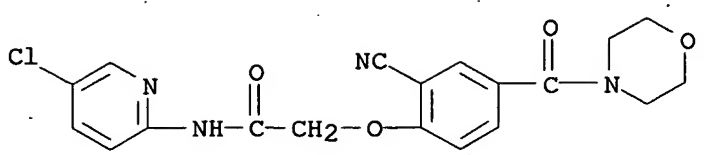
PAGE 2-A



L10 ANSWER 2 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:14395 CAPLUS
DN 142:113877
TI Process for preparation of 3-acylaminobenzofuran-2-carboxylic acid derivatives
IN Seki, Masahiko; Yoshida, Shin-ichi; Yagi, Nobuhiro; Hatsuda, Masanori; Kimura, Mayumi; Kondo, Kazuhiko
PA Tanabe Seiyaku Co., Ltd., Japan
SO PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005000839	A1	20050106	WO 2004-JP9488	20040629
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2530377	AA	20050106	CA 2004-2530377	20040629
	JP 2005247824	A2	20050915	JP 2004-194171	20040630
PRAI	JP 2003-186370	A	20030630		
	JP 2004-30794	A	20040206		
	WO 2004-JP9488	W	20040629		

OS MARPAT 142:113877
AB A process for the preparation of title compds. of formula I [R1 = H, halo, alkyl, alkoxy, cyano, (alkyl)amino; R3 = H or alkyl; X = CH or N; ring A = nitrogenous heterocyclic group; ring B = (un)substituted benzene or pyridine ring] comprising reacting a compound of formula II (R = H or alkyl) with a compound of formula III, and preparation of their intermediates, is disclosed. For example, reaction of 4-aminobenzoic acid with 4-chlorobutanoyl chloride, followed by catalytic reduction and isomerization, gave trans-II (R = H, A = 2-oxopyrrolidinyl). Amidation of II with III (R3 = H, X = N, R1 = 5-Cl), which was prepared in a multi-step synthesis starting from 3-bromo-4-hydroxybenzoic acid, gave I (R1, R3 and X are defined as above). Thus, the present invention provides a process producing the title compound, which are useful as an inhibitor against an activated blood coagulation factor X (no data).
IT **820232-30-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-acylaminobenzofuran-2-carboxylic acid derivs.)
RN 820232-30-2 CAPLUS
CN Acetamide, N-(5-chloro-2-pyridinyl)-2-[2-cyano-4-(4-morpholinylcarbonyl)phenoxy]- (9CI) (CA INDEX NAME)



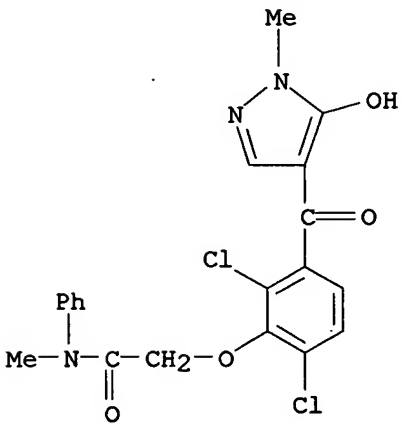
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:138672 CAPLUS
DN 140:181443
TI Preparation of 3-aminocarbonyl-substituted benzoylpyrazoles as herbicides
IN Seitz, Thomas; Van Almsick, Andreas; Willms, Lothar; Auler, Thomas; Bieringer, Hermann; Menne, Hubert
PA Bayer CropScience GmbH, Germany
SO Ger. Offen., 52 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

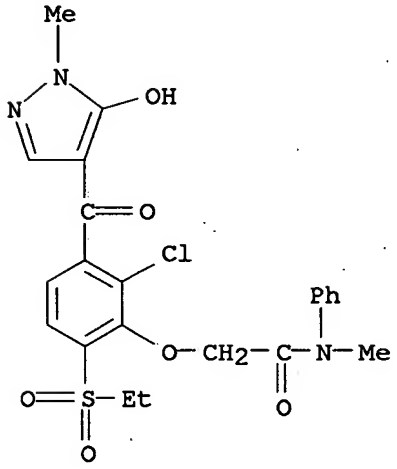
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10235945	A1	20040219	DE 2002-10235945	20020806
	CA 2494771	AA	20040219	CA 2003-2494771	20030723
	WO 2004014863	A1	20040219	WO 2003-EP8047	20030723
	W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, RU, SC, SG, SY, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003251454	A1	20040225	AU 2003-251454	20030723
	EP 1529034	A1	20050511	EP 2003-784050	20030723
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003013219	A	20050614	BR 2003-13219	20030723
	JP 2006505519	T2	20060216	JP 2004-526761	20030723
	US 2004072693	A1	20040415	US 2003-634725	20030805
	US 6894070	B2	20050517		
	US 2005267184	A1	20051201	US 2005-58951	20050216
PRAI	DE 2002-10235945	A	20020806		
	WO 2003-EP8047	W	20030723		
	US 2003-634725	A3	20030805		

OS MARPAT 140:181443
AB Title compds. [I; X = O, S(O)n, NH, NR7; L = (branched) substituted alkylene, alkenylene, alkynylene; Y = O, S; R1-R3 = H, mercapto, NO2, halo, cyano, thiocyanato, alkylcarbonyl, alkylS(O)nO, etc.; R4 = H, (halo)alkyl, (halo)cycloalkyl; R5 = (halo)alkyl, (halo)cycloalkyl, (substituted) Ph; R6 = H, (halo)alkyl, (halo)alkylcarbonyl, (halo)alkoxycarbonyl, etc.; R7, R8 = H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, etc.; n = 0-2], were prepared Thus, [5-(1,3-dimethylpyrazolyl)] 2,4-dibromo-3-(N,N-dipropylaminocarbonylmethoxy)benzoate (preparation given) was stirred with Me2C(OH)CN and Et3N in MeCN for 1 h at room temperature followed by stirring with KCN for 3 h at room temperature to give 44% 4-[2,4-dibromo-3-(N,N-dipropylaminocarbonylmethoxy)benzoyl]-5-hydroxy-1,3-dimethyl-1H-pyrazole. Several I were said to show very strong postemergent herbicidal activity and very good crop tolerance.
IT **658084-05-0P 658084-06-1P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 3-aminocarbonyl-substituted benzoylpyrazoles as herbicides)
RN 658084-05-0 CAPLUS

CN Acetamide, 2-[2,6-dichloro-3-[(5-hydroxy-1-methyl-1H-pyrazol-4-yl)carbonyl]phenoxy]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)



RN 658084-06-1 CAPLUS
CN Acetamide, 2-[2-chloro-6-(ethylsulfonyl)-3-[(5-hydroxy-1-methyl-1H-pyrazol-4-yl)carbonyl]phenoxy]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)

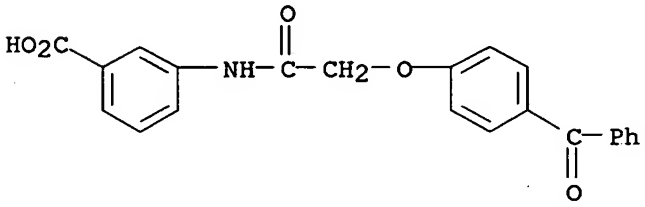


L10 ANSWER 4 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:90892 CAPLUS
DN 141:295607
TI Small-molecule modulation of read-through (SMMRT): discovery of 2-phenoxyacetanilides as promoters of PRotein Expression from RNA with nonsense codons.
AU Anon.
CS USA
SO IP.com Journal (2003), 3(10), 15 (No. IPCOM000019282D), 9 Sep 2003
CODEN: IJPOBX; ISSN: 1533-0001
PB IP.com, Inc.
DT Journal; Patent
LA English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI IP 19282D		20030909		
PRAI IP 2003-19282D		20030909		

AB A class of 2-phenoxyacetanilides were discovered by HTS as modulators of mRNA read-through for the treatment of genetic diseases such as DMD. A cell-culture assay (with a luciferase reporter containing a nonsense mutation) was used to optimize the SAR of the series. Compound 1 was significantly more potent than gentamicin. Compound 1 was stable in buffer solns., but showed some degradation in mouse serum. Exposure in mice was much higher if dosed s.c. over oral dosing. Compound 1 showed superior efficacy in promotion of dystrophin synthesis in mdx mice compared to gentamicin at one-tenth the delivered concentration

IT **649773-81-9P**
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(discovery of 2-phenoxyacetanilides as promoters of protein expression from RNA with nonsense codons)
RN 649773-81-9 CAPLUS
CN Benzoic acid, 3-[[(4-benzoylphenoxy)acetyl]amino]- (9CI) (CA INDEX NAME)



L10 ANSWER 5 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:80638 CAPLUS
DN 140:128152
TI Preparation of benzoic acids, in particular acetylaminobenzoic acids, as promoters of nonsense mutation suppression in messenger RNA (mRNA) and/or as modulators of translation termination for treatment of related diseases
IN Wilde, Richard G.; Welch., Ellen M.; Takasugi, James Jan; Almstead, Neil G.; Rubenstein, Steven Marc; Beckmann, Holger
PA PTC Therapeutics, Inc., USA; Tularik Inc.
SO PCT Int. Appl., 112 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

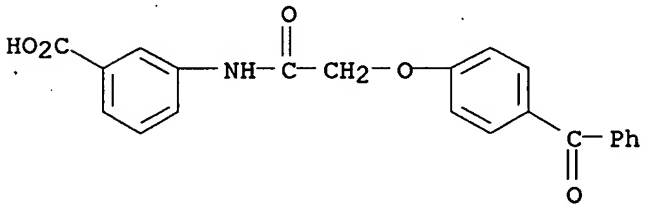
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004009533	A1	20040129	WO 2003-US23183	20030723
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2493457	AA	20040129	CA 2003-2493457	20030723
AU 2003254157	A1	20040209	AU 2003-254157	20030723
EP 1525185	A1	20050427	EP 2003-766013	20030723
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI US 2002-398267P	P	20020724		
WO 2003-US23183	W	20030723		

OS MARPAT 140:128152
AB Title compds. I [wherein X = O, S, CO, SO, SO2; Y = O, S; Z = (un)substituted hetero/aryl, cycloalkyl; W = (CH2)n; n = 0-4; R1 = H, SO2H and derivs., CF3, CN, CO2H and derivs., CHO and derivs., (un)substituted alk(en/yn)yl, hetero/cycloalkyl, hetero/aryl; R0 = H or R0CCNR1 = 5-7 membered heterocyclyl or heteroaryl ring; R2, R3, R4, R5 = independently H, halo, CF3, OCF3, OCHF2, CN, CO2H and derivs., SO2H and derivs., NO2, NH2 and derivs., (un)substituted alk(en/yn)yl, (un)substituted hetero/cycloalkyl, hetero/aryl, alkoxy, hetero/aryloxy;R6 = H, (un)substituted cyclo/heterocyclo/alkyl, hetero/aryl, or any biohydrolyzable group; their pharmaceutical acceptable salts, hydrates, clathrates, prodrugs, polymorphs, and stereoisomers] were prepared as promoters of nonsense mutation suppression in mRNA (mRNA) and/or as modulators of translation termination. For example, II was prepared in 3 steps by acylation of Me 3-aminobenzoate with bromoacetyl bromide in the presence of DIPEA/THF, O-arylation of 4-isopropyl-3-methylphenol with the bromide intermediate in the presence of K2CO3/2-butanone, and demethylation. II showed both very high potency and efficacy of protein synthesis in a cell-based luciferase assay (no data). Thus, I are useful for treating or preventing a disease ameliorated by modulation of premature translation termination or nonsense-mediated mRNA decay, or ameliorating one or more symptoms associated therewith.
IT **649773-81-9P**, 3-[[2-(4-Benzoylphenyloxy)acetyl]amino]benzoic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(promotor of nonsense mutation suppression; preparation of benzoic acids, in particular acetylaminobenzoic acids, as promoters of nonsense mutation suppression in mRNA and/or as modulators of translation termination)

RN 649773-81-9 CAPLUS

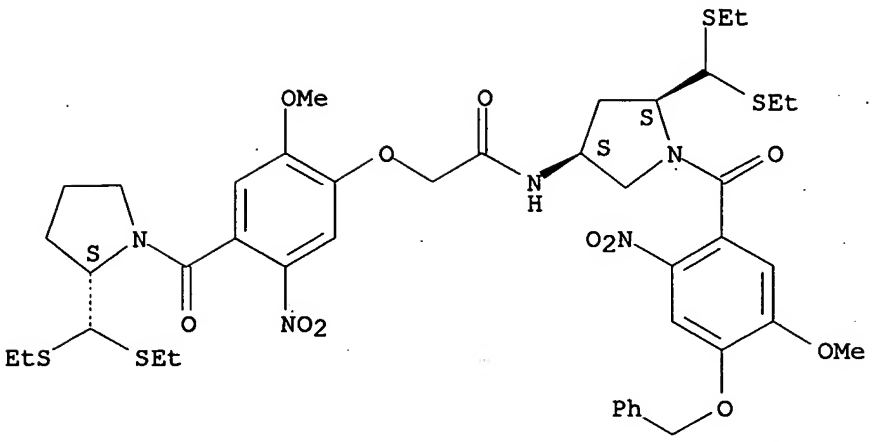
CN Benzoic acid, 3-[[(4-benzoylphenoxy)acetyl]amino]- (9CI) (CA INDEX NAME)



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

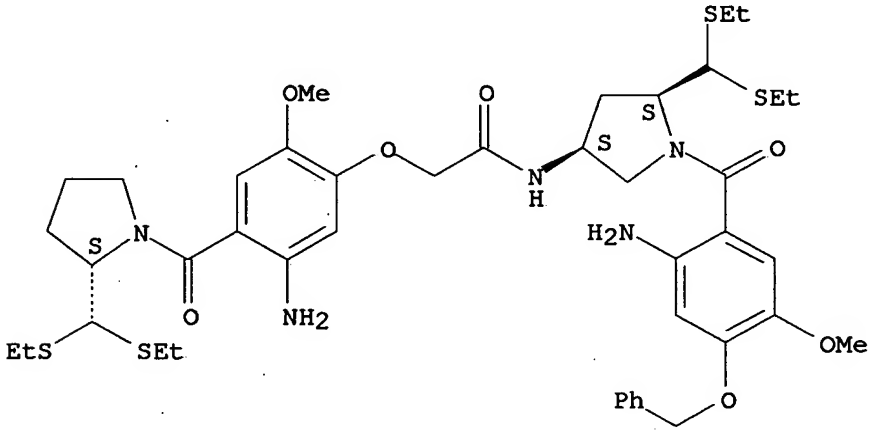
L10 ANSWER 6 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:841816 CAPLUS
DN 140:94019
TI Synthesis and DNA-binding affinity of A-C8/C-C2 alkoxyamido-linked pyrrolo[2,1-c][1,4]benzodiazepine dimers
AU Kamal, Ahmed; Ramulu, P.; Srinivas, O.; Ramesh, G.
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500007, India
SO Bioorganic & Medicinal Chemistry Letters (2003), 13(22), 3955-3958
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science B.V.
DT Journal
LA English
OS CASREACT 140:94019
AB The synthesis of new A-C8/C-C2 alkoxyamido-linked pyrrolo[2,1-c][1,4]benzodiazepine dimers have been described in this report. These dimers exhibit significant DNA-binding ability with moderate anticancer activity. Compds. thus prepared included [[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]-N-[(2S,11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-8-(phenylmethoxy)-1H-pyrrolo[2,1-c][1,4]benzodiazepin-2-yl]acetamide, 4-[[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]-N-[(2S,11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-8-(phenylmethoxy)-1H-pyrrolo[2,1-c][1,4]benzodiazepin-2-yl]butanamide, 5-[[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]-N-[(2S,11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-8-(phenylmethoxy)-1H-pyrrolo[2,1-c][1,4]benzodiazepin-2-yl]pentanamide. Corresponding dioxo compds., i.e., [[(11aS)-2,3,5,11a-Tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]-N-[(2S,11aS)-2,3,5,10,11,11a-hexahydro-7-methoxy-5,11-dioxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-2-yl]acetamide and homologs, were also prepared and tested.
IT **642478-90-8P 642478-93-1P 642479-05-8P 642479-08-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and DNA-binding affinity of alkoxyamido-linked pyrrolo[2,1-c][1,4]benzodiazepine dimers)
RN 642478-90-8 CAPLUS
CN Acetamide, N-[(3S,5S)-5-[bis(ethylthio)methyl]-1-[5-methoxy-2-nitro-4-(phenylmethoxy)benzoyl]-3-pyrrolidinyl]-2-[4-[[(2S)-2-[bis(ethylthio)methyl]-1-pyrrolidinyl]carbonyl]-2-methoxy-5-nitrophenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



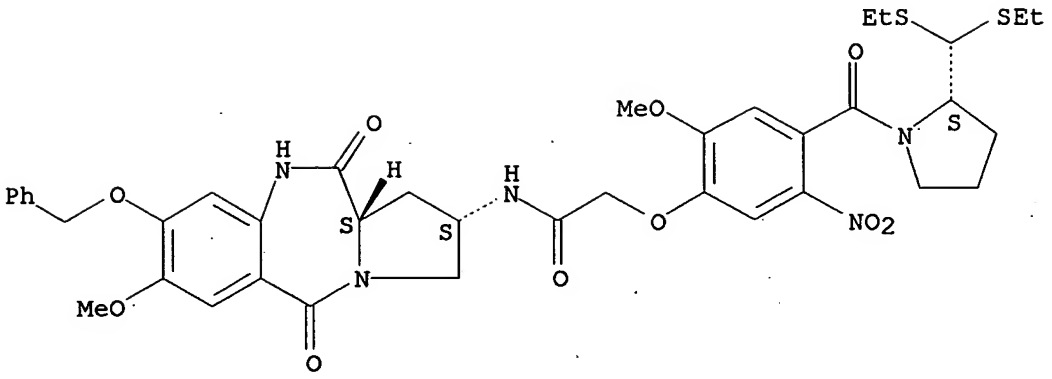
RN 642478-93-1 CAPLUS
CN Acetamide, 2-[5-amino-4-[[(2S)-2-[bis(ethylthio)methyl]-1-pyrrolidinyl]carbonyl]-2-methoxyphenoxy]-N-[(3S,5S)-1-[2-amino-5-methoxy-4-(phenylmethoxy)benzoyl]-5-[bis(ethylthio)methyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



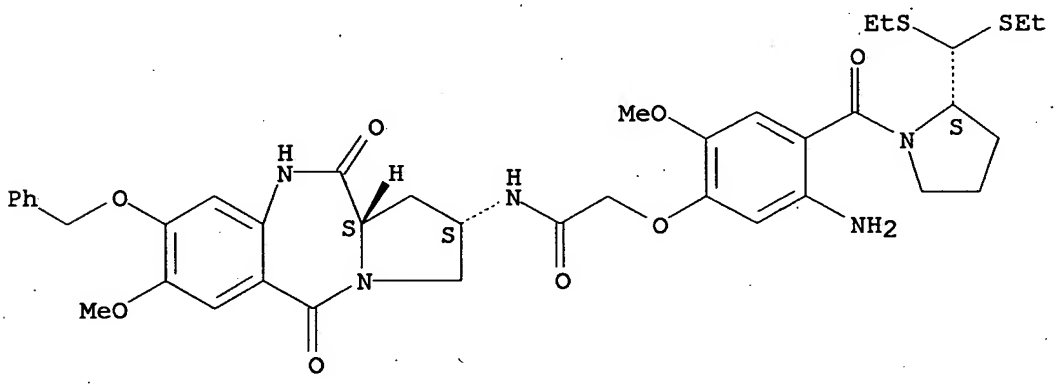
RN 642479-05-8 CAPLUS
CN Acetamide, 2-[4-[[(2S)-2-[bis(ethylthio)methyl]-1-pyrrolidinyl]carbonyl]-2-methoxy-5-nitrophenoxy]-N-[(2S,11aS)-2,3,5,10,11,11a-hexahydro-7-methoxy-5,11-dioxo-8-(phenylmethoxy)-1H-pyrrolo[2,1-c][1,4]benzodiazepin-2-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 642479-08-1 CAPLUS
CN Acetamide, 2-[5-amino-4-[[(2S)-2-[bis(ethylthio)methyl]-1-pyrrolidinyl]carbonyl]-2-methoxyphenoxy]-N-[(2S,11aS)-2,3,5,10,11,11a-hexahydro-7-methoxy-5,11-dioxo-8-(phenylmethoxy)-1H-pyrrolo[2,1-c][1,4]benzodiazepin-2-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

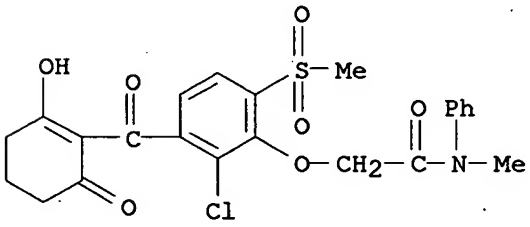
L10 ANSWER 7 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:221655 CAPLUS
DN 138:237899
TI Preparation of (3-aminocarbonylbenzoyl)cyclohexanediones as herbicides
IN Seitz, Thomas; Van Almsick, Andreas; Willms, Lothar; Auler, Thomas; Bieringer, Hermann; Menne, Hubert
PA Bayer CropScience GmbH, Germany
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003022810	A1	20030320	WO 2002-EP9876	20020904
	W: AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, RU, SG, SI, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10144529	A1	20030327	DE 2001-10144529	20010911
	CA 2459752	AA	20030320	CA 2002-2459752	20020904
	EP 1427701	A1	20040616	EP 2002-774560	20020904
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	BR 2002012421	A	20040803	BR 2002-12421	20020904
	JP 2005506327	T2	20050303	JP 2003-526886	20020904
	US 2003191027	A1	20031009	US 2002-238155	20020910
	US 6774086	B2	20040810		
PRAI	DE 2001-10144529	A	20010911		
	WO 2002-EP9876	W	20020904		

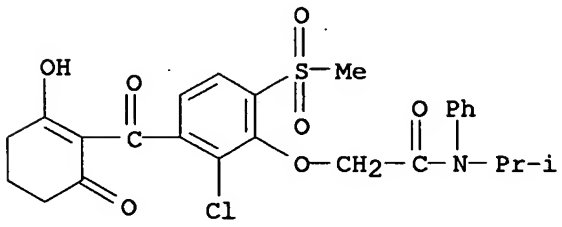
OS MARPAT 138:237899
AB Title compds. [I; X1 = O, S(O)nNH, NR4; X2 = (substituted) alkylene, alkenylene, alkynylene; X3 = O, S; R1-R3 = H, SH, NO2, halo, cyano, thiocyanato, alkylcarbonyloxy, etc.; R4, R5 = H, (cyclo)alkyl, (cyclo)alkenyl, (cyclo)alkynyl, alkylcycloalkyl, etc.; NR4R5 = 5-6 membered (saturated) (Ph-benzocondensed) (substituted) heterocyclyl; R6 = OR8, (halo)alkylthio, (halo)alkenylthio, (halo)alkynylthio, etc.; R7 = H, tetrahydro(thio)pyran-3-yl, tetrahydropyran-4-yl, alkyl, cycloalkyl, etc.; Y = O, S, NH, N-alkyl, CHR7, CR72; Z = O, S, SO, SO2, NH, N-alkyl, CHR9, CR92; R8 = H, (halo)alkyl, alkoxyalkyl, CHO, etc.; R9 = H, halo, cyano, NO2, (halo)alkyl, etc.; n = 0-2; v = 0-3; w = 0-4], were prepared Thus, 2-chloro-3-(N,N-diethylaminocarbonylmethoxy)-4-ethylsulfonylbenzoic acid 3-oxo-1-cyclohexenyl ester (preparation given) in MeCN was dropwise treated with Me2C(OH)CN and Et3N followed by stirring for 2 h at room temperature and stirring with KCN for 10 h at room temperature to give 40% 2-[2-chloro-3-(N,N-diethylaminocarbonylmethoxy)-4-ethylsulfonylbenzoyl]cyclohexane-1,3-dione. I (R1 = 2-Cl; R2 = 4-Cl; R3 = H; Y, Z = CH2; v = 1; X3 = O; R6 = OH; X1X2 = OCH2; NR4R5 = NEt2) at 90 g a.i./ha showed 90-95% postemergent control of Cyperus serotinus, Monochoria vaginalis, Sagittaria pygmaea and 0% damage of Oryza sativa.
IT **502149-31-7P 502149-32-8P 502149-64-6P**
502149-65-7P 502149-66-8P 502149-67-9P
502149-68-0P 502149-69-1P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (aminocarbonylbenzoyl)cyclohexanediones as herbicides)

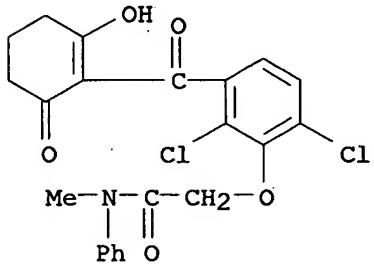
RN 502149-31-7 CAPLUS
CN Acetamide, 2-[2-chloro-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]-6-(methylsulfonyl)phenoxy]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)



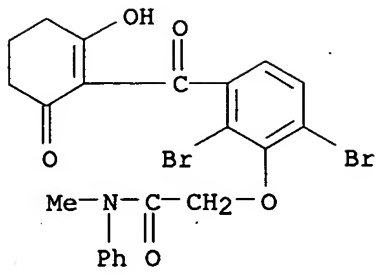
RN 502149-32-8 CAPLUS
CN Acetamide, 2-[2-chloro-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]-6-(methylsulfonyl)phenoxy]-N-(1-methylethyl)-N-phenyl- (9CI) (CA INDEX NAME)



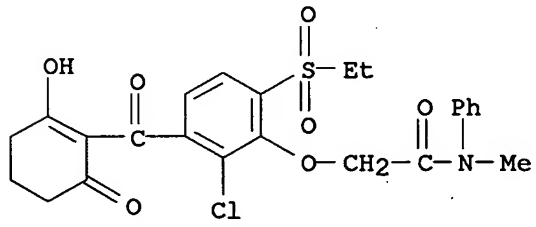
RN 502149-64-6 CAPLUS
CN Acetamide, 2-[2,6-dichloro-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]phenoxy]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)



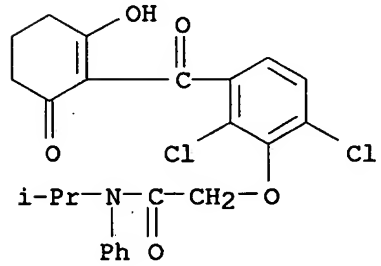
RN 502149-65-7 CAPLUS
CN Acetamide, 2-[2,6-dibromo-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]phenoxy]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)



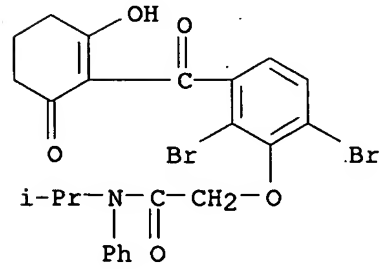
RN 502149-66-8 CAPLUS
CN Acetamide, 2-[2-chloro-6-(ethylsulfonyl)-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]phenoxy]-N-methyl-N-phenyl- (9CI) (CA INDEX NAME)



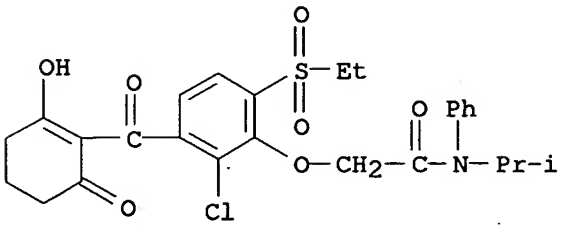
RN 502149-67-9 CAPLUS
CN Acetamide, 2-[2,6-dichloro-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]phenoxy]-N-(1-methylethyl)-N-phenyl- (9CI) (CA INDEX NAME)



RN 502149-68-0 CAPLUS
CN Acetamide, 2-[2,6-dibromo-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]phenoxy]-N-(1-methylethyl)-N-phenyl- (9CI) (CA INDEX NAME)



RN 502149-69-1 CAPLUS
CN Acetamide, 2-[2-chloro-6-(ethylsulfonyl)-3-[(2-hydroxy-6-oxo-1-cyclohexen-1-yl)carbonyl]phenoxy]-N-(1-methylethyl)-N-phenyl- (9CI) (CA INDEX NAME)

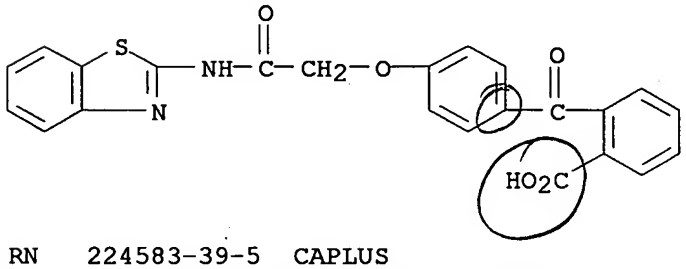


RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1999:312721 CAPLUS
DN 130:352268
TI Preparation of benzothiazole derivatives as protein kinase C inhibitors
IN Mori, Toyoki; Tominaga, Michiaki; Tabusa, Fujio; Ei, Kazuyoshi; Abe, Kaoru; Nakaya, Kenji; Takemura, Isao; Shinohara, Yuichi; Tanada, Yoshihisa; Yamauchi, Takahito
PA Ohtsuka Pharmaceutical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 127 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11130761	A2	19990518	JP 1997-292346	19971024
PRAI	JP 1997-292346		19971024		

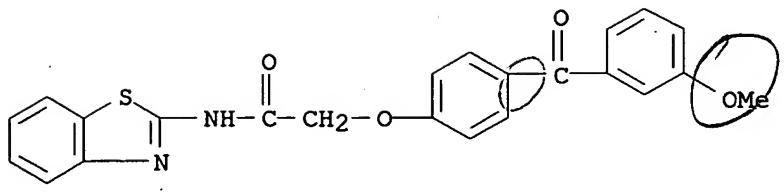
OS MARPAT 130:352268
AB The derivs. I [R1 = H, lower alkanoyloxyl2-lower alkyl; R2 = Q [m = 0, 1; Z = AO (A = lower alkylene), A1NR5 (A1 = lower alkylene; R5 = H, lower alkyl); R3 = alkenylcarbonyl, COCR6R:CR7R8 (R6 = H, imidazolyl; R7, R8 = H, substituents); R4 = H, halo, lower alkyl, lower alkoxy, lower alkoxycarbonyl-lower alkyl, lower alkanoyloxy-lower alkyl, lower hydroxyalkyl, lower haloalkyl, lower carboxyalkyl, A(CO)nNR21R22 [A = lower alkylene; n = 0, 1; R21, R22 = H, (un)substituted lower alkyl, or NR21R22 = (O-containing) 5-7-membered saturated heterocyclyl]], 2,3-dihydrobenzofuryl which may be substituted with lower alkenylcarbonyl, chromanyl which may be substituted with lower alkenylcarbonyl, anilino which may be ring-substituted with carboxy-lower alkenylcarboyl, condensed benzo(hetero)cyclyl, etc.] are prepared I inhibit protein kinase C and are useful for preventing or treating diseases caused by hyperfunctioning of protein kinase C-mediated biol. process, e.g. metabolic regulation, cell proliferation, cell differentiation, etc. IC50 of 2-[2-(4-morpholinobutyl)-4-(3-methylacryloyl)phenoxy]methylcarbonylaminobenzothiazole methanesulfonate (II; preparation given) against rat brain protein kinase C was 0.08 μM. II also suppressed increases in blood creatinine and urea-N in a rat renal ischemia-reperfusion injury model.
IT **224582-73-4P 224583-39-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzothiazole derivs. as protein kinase C inhibitors)
RN 224582-73-4 CAPLUS
CN Benzoic acid, 2-[4-[2-(2-benzothiazolylamino)-2-oxoethoxy]benzoyl]- (9CI) (CA INDEX NAME)



2D 46

RN 224583-39-5 CAPLUS
CN Acetamide, N-2-benzothiazolyl-2-[4-(3-methoxybenzoyl)phenoxy]- (9CI) (CA

INDEX NAME)

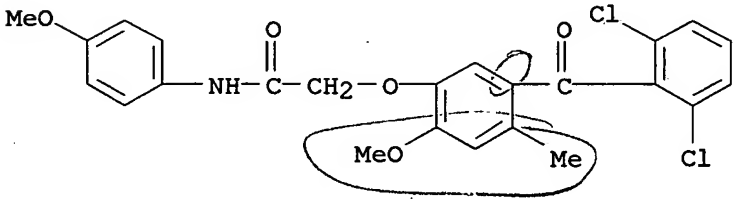


2 Diff

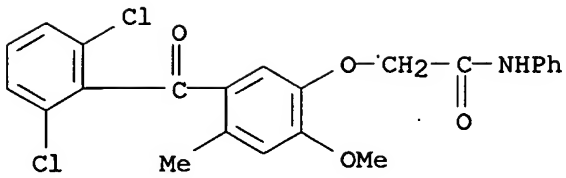
L10 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:430109 CAPLUS
DN 129:108898
TI Preparation of fungicidal benzophenones
IN Curtze, Jurgen; Rudolph, Christine Helene Gertrud; Schroder, Ludwig; Albert, Guido; Rehnig, Annerose Edith Elise; Sieverding, Ewald Gerhard
PA American Cyanamid Co., USA
SO U.S., 22 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5773663	A	19980630	US 1996-641592	19960501
	US 5866722	A	19990202	US 1997-846345	19970430
	US 5922919	A	19990713	US 1998-67096	19980427
PRAI	EP 1995-100792	A	19950120		
	US 1996-641592	A3	19960501		

OS MARPAT 129:108898
AB The title compds. [I; R1 = alkyl; m = 1, 2, 4; R2 = halo, alkyl, alkoxy; R3 = alkyl, alkenyl; R4 = alkyl; R5 = alkoxy, alkenyloxy, alkynyloxy, etc.; n = 1-2; R6 = (un)substituted alkoxy; X, Y = O], useful for the control of phytopathogenic fungi and disease caused thereby, were prepared Thus, reaction of 4-methylveratrol with 2,6-dichlorobenzoyl chloride in the presence of FeCl3 afforded 91.4% I [R1 = Cl; R2 = 6-Cl; R3 = Me; R4 = Me; R5 = MeO; X = Y = O; m = 1; n = 0] which showed 100% control against Erysiphe graminis f.sp. hordei and Erysiphe graminis f.sp. tritici at 100 ppm. There are further provided benzophenone compds. I which are useful as fungicidal agents and compns. useful for the protection of plants from the damaging effects of phytopathogenic fungi and fungal disease.
IT **183726-11-6P 183726-14-9P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of fungicidal benzophenones)
RN 183726-11-6 CAPLUS
CN Acetamide, 2-[5-(2,6-dichlorobenzoyl)-2-methoxy-4-methylphenoxy]-N-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 183726-14-9 CAPLUS
CN Acetamide, 2-[5-(2,6-dichlorobenzoyl)-2-methoxy-4-methylphenoxy]-N-phenyl- (9CI) (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

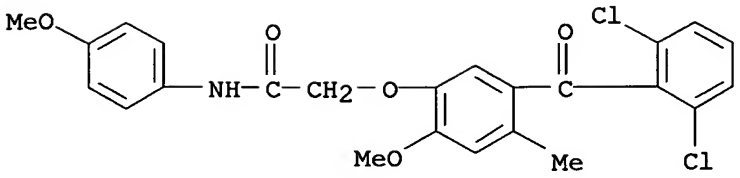
L10 ANSWER 10 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1996:718140 CAPLUS
DN 126:7819
TI Preparation of benzophenone derivatives as agrochemical fungicides
IN Curtz, Juergen; Rudolph, Christine Helene Gertrud; Schroeder, Ludwig; Albert, Guido; Rehnig, Annerose Edith Elise; Sieverding, Ewald Gerhard
PA American Cyanamid Company, USA
SO Can. Pat. Appl., 100 pp.
CODEN: CPXXEB
DT Patent
LA English

Same as #9

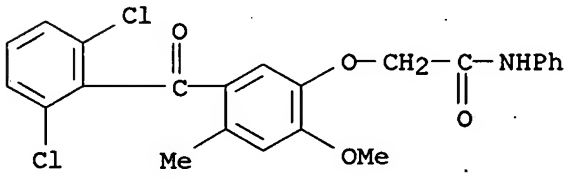
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2167550	AA	19960721	CA 1996-2167550	19960118
	US 5679866	A	19971021	US 1995-479502	19950607
	CZ 294096	B6	20041013	CZ 1996-89	19960111
	EP 727141	A2	19960821	EP 1996-300285	19960115
	EP 727141	A3	19980128		
	EP 727141	B1	20051102		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	ZA 9600304	A	19970715	ZA 1996-304	19960115
	AT 308241	E	20051115	AT 1996-300285	19960115
	AU 9642091	A1	19960801	AU 1996-42091	19960119
	JP 08277243	A2	19961022	JP 1996-26047	19960119
	BR 9600165	A	19980106	BR 1996-165	19960119
	RU 2129788	C1	19990510	RU 1996-100845	19960119
	IN 183968	A	20000527	IN 1996-CA91	19960119
	RO 117827	B1	20020830	RO 1996-100	19960119
	CN 1134929	A	19961106	CN 1996-101014	19960122
	TW 391957	B	20000601	TW 1996-85102973	19960312
	AU 9959535	A1	20000224	AU 1999-59535	19991118
	AU 744632	B2	20020228		
	IN 186700	A	20011027	IN 2000-CA168	20000321
PRAI	EP 1995-100792	A	19950120		
	US 1995-479502	A	19950607		
	IN 1996-CA91	A	19960119		

OS MARPAT 126:7819
AB The title compds. [I; R1 = halo, (un)substituted alkyl or alkoxy, cyano, NO2; R2 = halo, (un)substituted alkyl or alkoxy, NO2; or adjacent R1 and R2 combine together to form an (un)substituted CH:CHCH:CH, alkylene, oxyalkyleneoxy; R3 = H, halo, cyano, CO2H, OH, NO2, etc.; R4 = H, (un)substituted alkyl or acyl; R5 = H, halo, NO2, aryloxy, etc.; R6 = halo, (un)substituted alkyl, alkenyl, alkynyl, etc.; X = O, S, NOR; R = H, (un)substituted alkyl, aralkyl, aryl, or acyl; Y = O, S, etc.; m = 0-4; n = 0-2] are prepared I are useful for controlling phytopathogenic fungi and fungi disease. Thus, 4-methylveratrol was reacted with 2,6-dichlorobenzoyl chloride in the presence of FeCl3 to give 91.4% I (R1 = Cl, R2 = 6-Cl, R3 = R4 = Me, R5 = OMe, X = Y = O, m = 1, n = 0) (II). II at 100 ppm controlled 100% barley and wheat Erysiphe graminis.
IT **183726-11-6P 183726-14-9P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzophenone derivs. as agrochem. fungicides)
RN 183726-11-6 CAPLUS
CN Acetamide, 2-[5-(2,6-dichlorobenzoyl)-2-methoxy-4-methylphenoxy]-N-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 183726-14-9 CAPLUS
CN Acetamide, 2-[5-(2,6-dichlorobenzoyl)-2-methoxy-4-methylphenoxy]-N-phenyl- (9CI) (CA INDEX NAME)

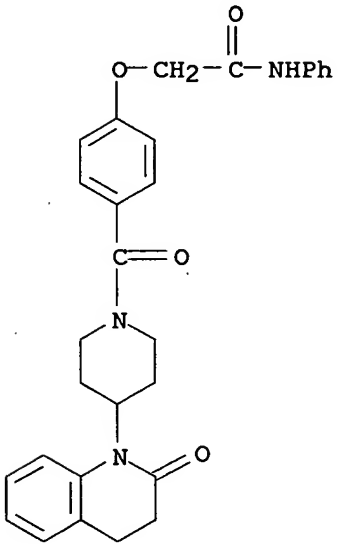


L10 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1995:227441 CAPLUS
DN 122:105695
TI Carbostyril oxytocin receptor antagonists
IN Freidinger, Roger M.; Pawluczyk, Joseph M.; Pettibone, Douglas J.; Williams, Peter D.
PA Merck and Co., Inc., USA
SO U.S., 177 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5356904	A	19941018	US 1992-957491	19921007
WO 9519773	A1	19950727	WO 1994-US847	19940119

W: CA, JP
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

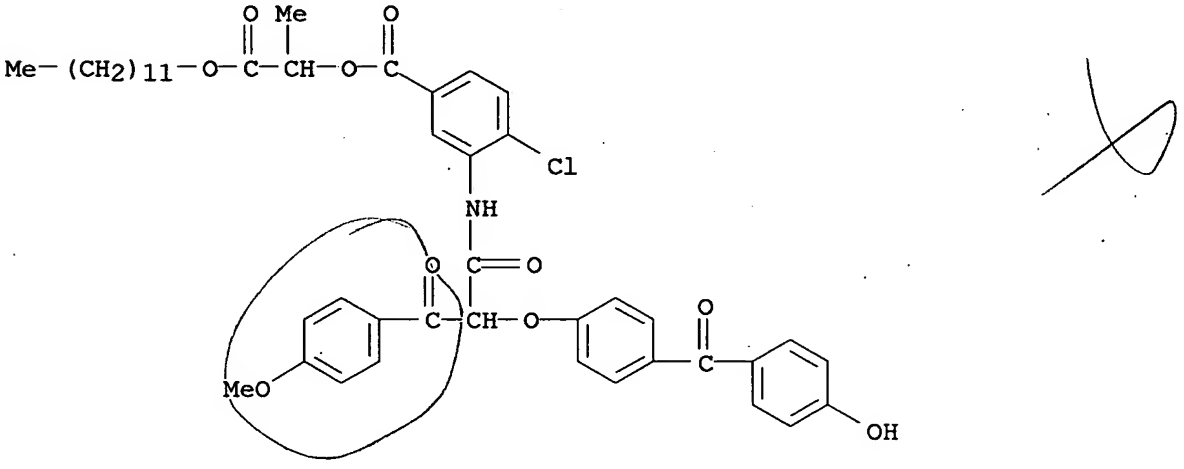
PRAI US 1992-957491 19921007
OS MARPAT 122:105695
AB A method of inhibiting oxytocin from acting at its receptor site by administering oxytocin receptor antagonist compds. of the formula I wherein X is oxygen or sulfur; Y is hydrogen or lower alkyl; RA is II. IC50 (nM) values were determined for both [3H]oxytocin and [3H]vasopressin: 560-2500 and 39-320, resp. Pharmaceutical formulations were given.
IT **131632-91-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(carbostyril oxytocin receptor antagonists)
RN 131632-91-2 CAPLUS
CN Acetamide, 2-[4-[[4-(3,4-dihydro-2-oxo-1(2H)-quinolinyl)-1-piperidinyl]carbonyl]phenoxy]-N-phenyl- (9CI) (CA INDEX NAME)



L10 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:540514 CAPLUS
DN 117:140514
TI Color photographic materials
IN Nakagawa, Hajime; Yamada, Kozaburo
PA Fuji Shashin Film K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 35 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 04086740	A2	19920319	JP 1990-202697	19900731
PRAI JP 1990-202697		19900731		

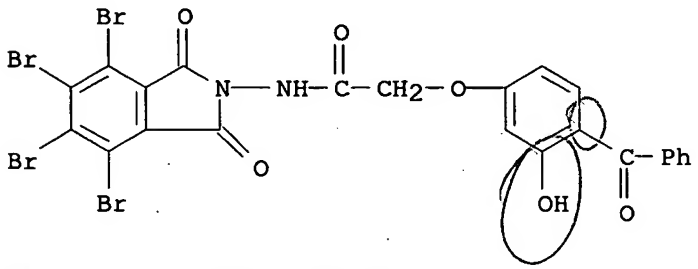
OS MARPAT 117:140514
AB The title photog. material having ≥1 photosensitive Ag halide emulsion layers on its support, contains a coupler I [Ar = aryl; R1 = halo, H, alkyl, alkoxy, aryloxy, trifluoromethyl; L = CO2, OCO, O, S, SO2, CO, SO2NH, SO2NR5, NHSO2, SO2O, OSO2; R2 = benzene ring substituent group; n = 1-3; R3 = (branched) alkyl; R4 = aryl, aromatic heterocyclyl; R5 = alkyl, R3] with the weight ratio of a high-boiling organic solvent to the coupler ≤0.3. This photog. material produces good color even if the amount of the high-boiling solvent used is reduced.
IT **143134-47-8**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler, for good color rendition)
RN 143134-47-8 CAPLUS
CN Benzoic acid, 4-chloro-3-[[2-[4-(4-hydroxybenzoyl)phenoxy]-3-(4-methoxyphenyl)-1,3-dioxopropyl]amino]-, 2-(dodecyloxy)-1-methyl-2-oxoethyl ester (9CI) (CA INDEX NAME)



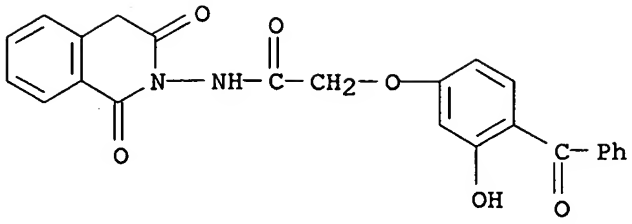
L10 ANSWER 13 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1991:655783 CAPLUS
DN 115:255783
TI Preparation of 2-hydroxybenzophenone hydrazides and their derivatives as heat and light stabilizers
IN Myers, Terry N.
PA Atochem North America, Inc., USA
SO U.S., 17 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5041545	A	19910820	US 1989-334661	19890406
PRAI US 1989-334661		19890406		

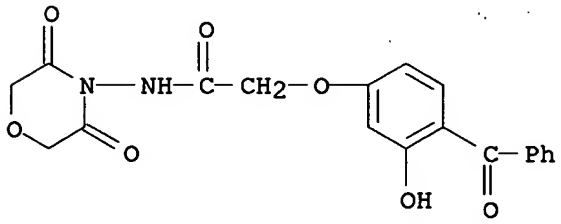
OS MARPAT 115:255783
AB Title compds. I [R1-R4 = H, (substituted) C1-20 aliphatyl, (substituted) C5-12 alicyclyl, (substituted) C2-20 acyl, OR9, SR10, Br, Cl, cyano, sulfamyl, etc.; X = O, NR11, S, OCO, NR11CO, bond; Z1 = (substituted) C1-20 aliphatic diradical, (substituted) C5-12 alicyclic diradical, (substituted) C6-14 arylene, etc.; Y = CO, SO2, NR12SO2, NR12CO, OCO; R6 = H, (substituted) C1-20 aliphatyl, (substituted) C5-12 alicyclyl, (substituted) C7-22 araliphatyl; R9, R10, R13 = H, (substituted) C1-20 aliphatyl, (substituted) C6-14 aryl, etc.; R11, R12 = H, C1-8 alkyl; Z = N(R13)QR14, N:CR15, R16, etc.; R14 = R13, polyoxyalkylene derivative; R15, R16 = groups selected for R13 or R15R16 complete (hetero) cyclic ring; Q = CO, bond, SO2, CO2, etc.; n = 1,2] were prepared as light and heat stabilizers for plastics. Thus, Et 4-benzoyl-3-hydroxyphenoxyacetate and 85% hydrazine hydrate were stirred in Me2CHOH at room temperature for 3 h to give 4-benzoyl-3-hydroxyphenoxyacetyl hydrazide (II). A glossed acrylic resin containing II retained 91% of its gloss after 1000 h of exposure to UV-B rays at 60% gloss retention for the glossed resin in the absence of II.
IT **137100-55-1P 137100-56-2P 137100-57-3P**
137100-58-4P 137100-59-5P 137100-60-8P
137100-61-9P 137100-62-0P 137100-63-1P
137100-67-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as heat and light stabilizer)
RN 137100-55-1 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(4,5,6,7-tetrabromo-1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)- (9CI) (CA INDEX NAME)



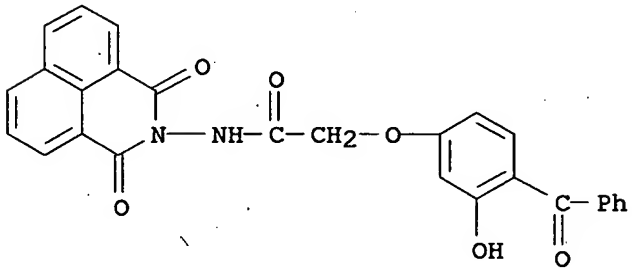
RN 137100-56-2 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(3,4-dihydro-1,3-dioxo-2(1H)-isoquinolinyl)- (9CI) (CA INDEX NAME)



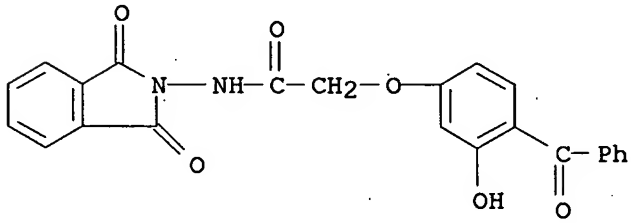
RN 137100-57-3 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(3,5-dioxo-4-morpholinyl)- (9CI) (CA INDEX NAME)



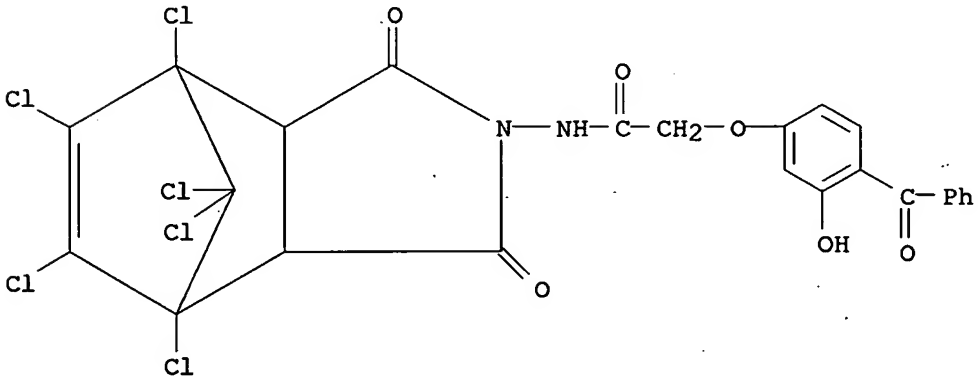
RN 137100-58-4 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(1,3-dioxo-1H-benz[de]isoquinolin-2(3H)-yl)- (9CI) (CA INDEX NAME)



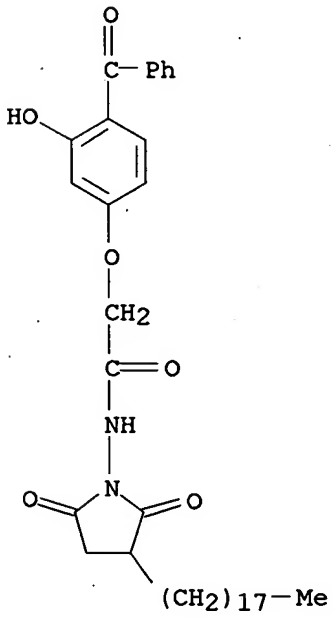
RN 137100-59-5 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)- (9CI) (CA INDEX NAME)



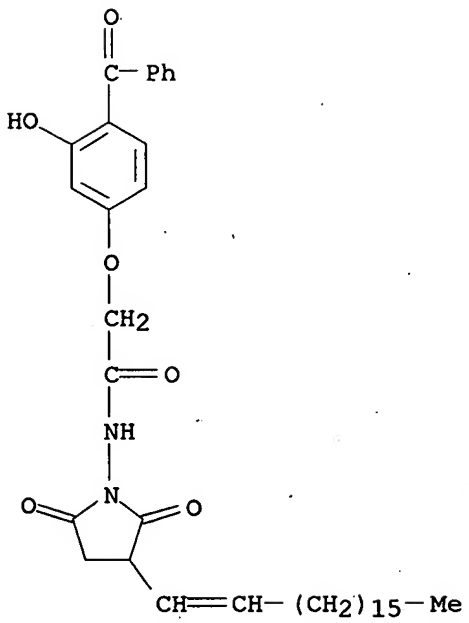
RN 137100-60-8 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(4,5,6,7,8,8-hexachloro-1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)- (9CI) (CA INDEX NAME)



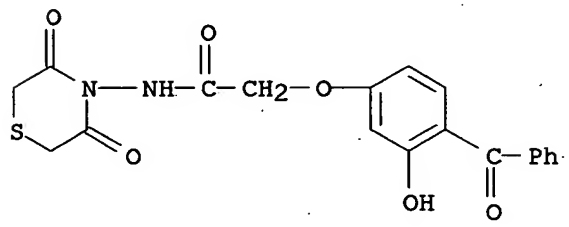
RN 137100-61-9 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(3-octadecyl-2,5-dioxo-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



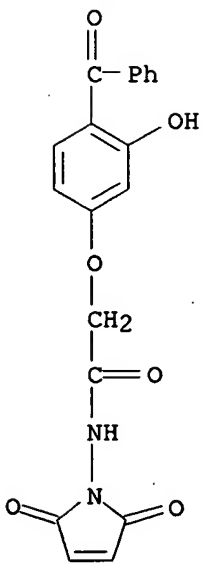
RN 137100-62-0 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-[3-(1-octadecenyl)-2,5-dioxo-1-pyrrolidinyl]- (9CI) (CA INDEX NAME)



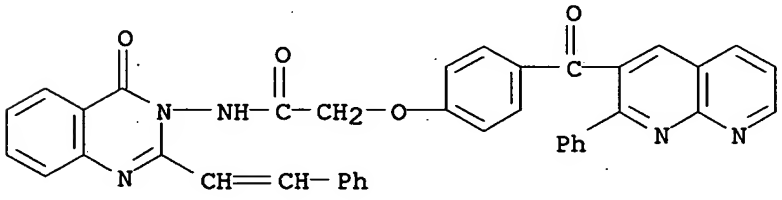
RN 137100-63-1 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(3,5-dioxo-4-thiomorpholinyl)- (9CI) (CA INDEX NAME)

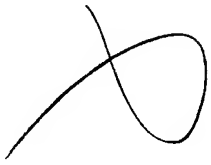


RN 137100-67-5 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)- (9CI) (CA INDEX NAME)

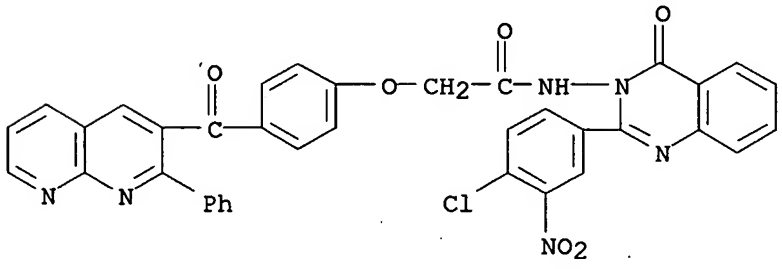


L10 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1991:632165 CAPLUS
DN 115:232165
TI Synthesis and pharmacological evaluation of some new substituted 1,8-naphthyridines and substituted quinazolin-4-ones as hypotensive and central nervous system active agents
AU Agarwal, Kanchan
CS Dep. Chem., Lucknow Univ., Lucknow, 226 007, India
SO Journal of the Indian Chemical Society (1991), 68(2), 85-7
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
AB Benzoylphenylnaphthyridine I (R = NH2) reacted with isatin to give I (R = Q, R1 = H) which condensed with amines and CH2O to give I [R = Q, R1 = piperidinomethyl, morpholinomethyl, pyrrolidinomethyl, 4-(4-methylphenyl)piperazino, etc.] (II). Reacting 2-(3-nitro-4-chlorophenyl)-3,1-benzoxazinon-4-one with I (R = NH2) gave I (R = Q1, R2 = Cl) which reacted with heterocyclic amines to give I (R = Q1, R2 = 4-ethylpiperazino, piperidino, pyrrolidino, morpholino, etc.) (III). II and III were screened for central nervous system, hypotensive, and antimicrobial activities.
IT **136603-25-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and central nervous activity of)
RN 136603-25-3 CAPLUS
CN Acetamide, N-[4-oxo-2-(2-phenylethenyl)-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]- (9CI) (CA INDEX NAME)

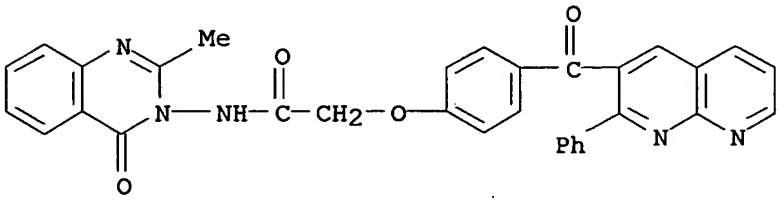




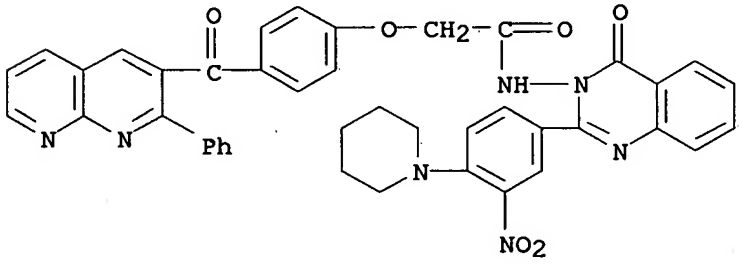
IT **136603-26-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction with amines)
RN 136603-26-4 CAPLUS
CN Acetamide, N-[2-(4-chloro-3-nitrophenyl)-4-oxo-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]- (9CI) (CA INDEX NAME)



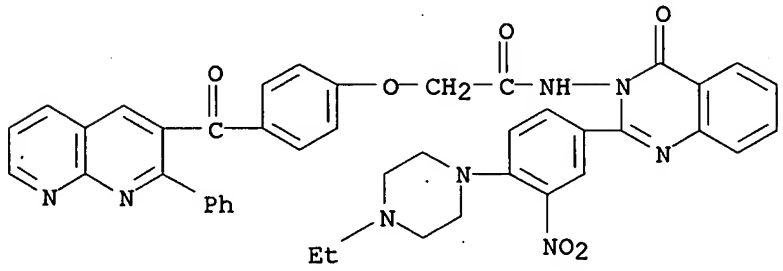
IT **136603-24-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 136603-24-2 CAPLUS
CN Acetamide, N-(2-methyl-4-oxo-3(4H)-quinazolinyl)-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]- (9CI) (CA INDEX NAME)



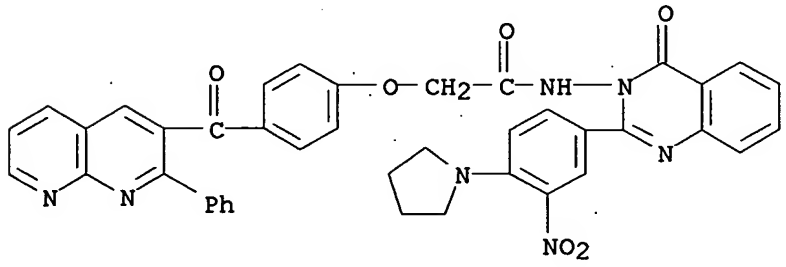
IT **136603-28-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, central nervous system, hypotensive, and antimicrobial activity of)
RN 136603-28-6 CAPLUS
CN Acetamide, N-[2-[3-nitro-4-(1-piperidinyl)phenyl]-4-oxo-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]- (9CI) (CA INDEX NAME)



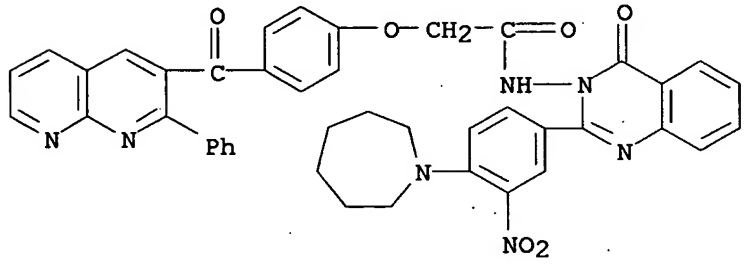
IT **136603-27-5P 136603-29-7P 136603-31-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, hypotensive, and antimicrobial activity of)
RN 136603-27-5 CAPLUS
CN Acetamide, N-[2-[4-(4-ethyl-1-piperazinyl)-3-nitrophenyl]-4-oxo-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]- (9CI) (CA INDEX NAME)



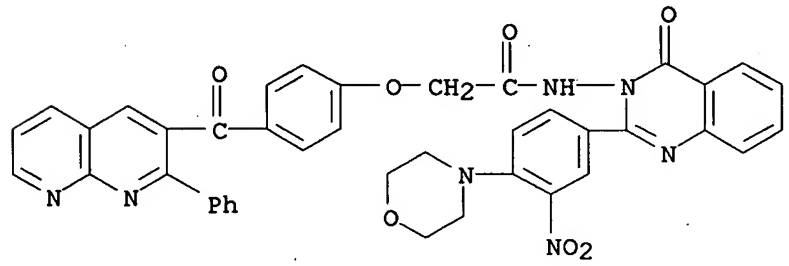
RN 136603-29-7 CAPLUS
CN Acetamide, N-[2-[3-nitro-4-(1-pyrrolidinyl)phenyl]-4-oxo-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]-(9CI) (CA INDEX NAME)



RN 136603-31-1 CAPLUS
CN Acetamide, N-[2-[4-(hexahydro-1H-azepin-1-yl)-3-nitrophenyl]-4-oxo-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]-(9CI) (CA INDEX NAME)



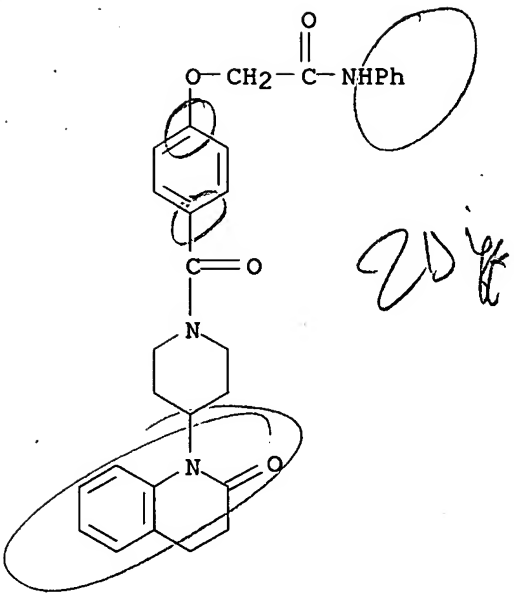
IT **136603-30-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, hypotensive, antimicrobial and central nervous system activity of)
RN 136603-30-0 CAPLUS
CN Acetamide, N-[2-[4-(4-morpholinyl)-3-nitrophenyl]-4-oxo-3(4H)-quinazolinyl]-2-[4-[(2-phenyl-1,8-naphthyridin-3-yl)carbonyl]phenoxy]-(9CI) (CA INDEX NAME)



L10 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1991:81619 CAPLUS
DN 114:81619
TI Preparation of carbostyril derivatives as vasopressin antagonists
IN Ogawa, Hidenori; Miyamoto, Hisashi; Kondo, Kazumi; Yamashita, Hiroshi; Nakaya, Kenji; Tominaga, Michiaki; Yabuuchi, Yoichi
PA Otsuka Pharmaceutical Co., Ltd., Japan
SO Eur. Pat. Appl., 364 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 382185	A2	19900816	EP 1990-102404	19900207
	EP 382185	A3	19910918		
	EP 382185	B1	19940615		
	R: CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
	ES 2056259	T3	19941001	ES 1990-102404	19900207
	JP 03173870	A2	19910729	JP 1990-31360	19900208
	JP 07068218	B4	19950726		
	CN 1046529	A	19901031	CN 1990-100657	19900210
	CN 1036394	B	19971112		
	KR 9711153	B1	19970707	KR 1990-1705	19900210
	US 5225402	A	19930706	US 1991-762736	19910918
	US 5436254	A	19950725	US 1993-125667	19931102
	US 5652247	A	19970729	US 1994-359081	19941214
PRAI	JP 1989-31580	A	19890210		
	JP 1989-102699	A	19890421		
	JP 1989-181440	A	19890713		
	JP 1989-232333	A	19890907		
	US 1990-478181	B1	19900209		
	US 1991-762736	A3	19910918		
	US 1992-846941	A1	19920306		

OS MARPAT 114:81619
AB The title compds. I [R1 = H, NO2, alkoxy, alkoxycarbonyl, alkyl, etc.; t = 1-3; R = Q, (substituted) Ph, etc.; R2 = H, alkoxycarbonyl, (substituted) phenoxycarbonyl, etc.; n = 1,2; m = 0-3; R3 = alkyl; dotted line indicates single or double bond] were prepared I are useful as vasodilators and antihypertensives. A mixture of N-(1-benzoyl-4-piperidinyl)-2-(2-carbamolyethyl)aniline and 5% HCl was refluxed for 5 h to give dihydrocarbostyril II. In an in vitro test using rat liver plasma membrane prepns. and H3-vasopressin, the compound 1-[1-(4-methylaminobenzoyl)-4-piperidinyl]-3,4-dihydrostyril showed IC50 of 0.4 μM. Formulations containing I were given.
IT **131632-91-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as vasopressin antagonist)
RN 131632-91-2 CAPLUS
CN Acetamide, 2-[4-[[4-(3,4-dihydro-2-oxo-1(2H)-quinolinyl)-1-piperidinyl]carbonyl]phenoxy]-N-phenyl- (9CI) (CA INDEX NAME)

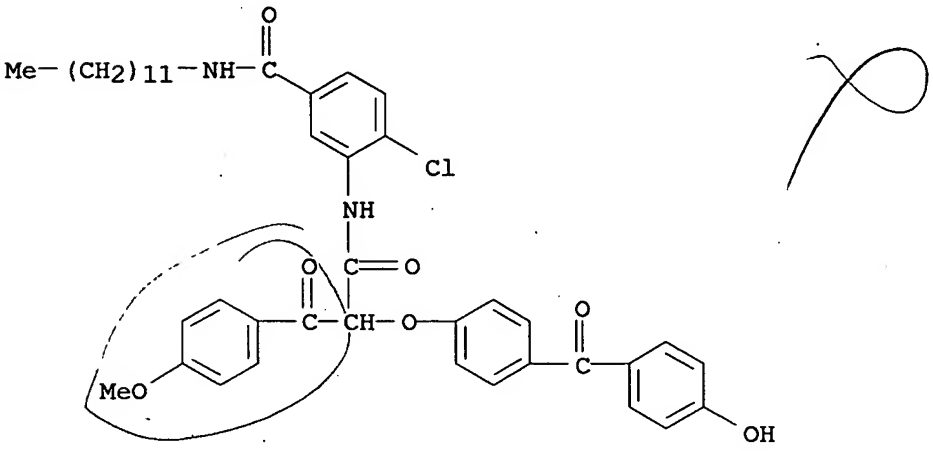


20 ff

L10 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1991:72231 CAPLUS
DN 114:72231
TI Color photographic material containing yellow coupler
IN Tomotake, Atsushi; Kida, Shuji; Tomotake, Mayumi; Ishii, Fumio
PA Konica Co., Japan
SO Eur. Pat. Appl., 62 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 371767	A2	19900606	EP 1989-312371	19891128
	EP 371767	A3	19901010		
	R: DE, GB				
	JP 02146540	A2	19900605	JP 1988-302628	19881129
	US 4994361	A	19910219	US 1989-441302	19891127
PRAI	JP 1988-302628	A	19881129		

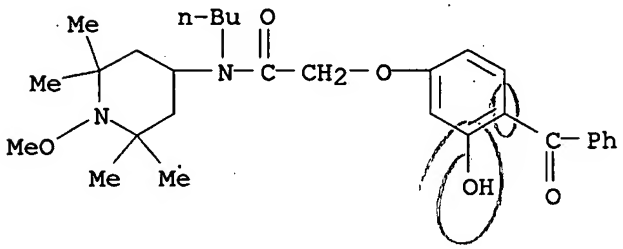
OS MARPAT 114:72231
AB Color photog. materials giving high-quality images contain an (aminocarbonyl)phenoxyacylacetanilide derivative yellow coupler of the structure I (R1 = (un)substituted alkyl or (un)substituted aryl; R2, R3 = H, (un)substituted alkyl, (un)substituted aryl, (un)substituted heterocyclyl; X = H, halogen, alkoxy, alkylamino; Y, B1, B2 = a substituent; m, n = 0-3) which has both a high reactivity and a satisfactory dispersion stability. Thus, a dispersion of II in aqueous gelatin was prepared in the usual fashion, and the dispersion then allowed to stand for 48 h at 20° to show no deposition of II.
IT **131813-77-9**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. yellow coupler, with high reactivity and satisfactory dispersion stability)
RN 131813-77-9 CAPLUS
CN Benzenepropanamide, N-[2-chloro-5-[(dodecylamino)carbonyl]phenyl]-α-[4-(4-hydroxybenzoyl)phenoxy]-4-methoxy-β-oxo- (9CI) (CA INDEX NAME)



L10 ANSWER 17 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1991:63535 CAPLUS
DN 114:63535
TI Light-stabilizers for polymers containing hindered amine and light-absorbing groups
IN Ravichandran, Ramanathan; Galbo, James P.
PA Ciba-Geigy A.-G., Switz.
SO Eur. Pat. Appl., 26 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 389427	A2	19900926	EP 1990-810195	19900313
	EP 389427	A3	19911127		
	EP 389427	B1	19940427		
	R: DE, FR, GB, IT				
	US 5021478	A	19910604	US 1990-479880	19900214
	CA 2012503	AA	19900921	CA 1990-2012503	19900319
	CA 2012503	C	20000118		
	JP 02300168	A2	19901212	JP 1990-73181	19900322
	JP 2860589	B2	19990224		
PRAI	US 1989-326848	A	19890321		

OS MARPAT 114:63535
AB The title compds. are less basic than other stabilizers and so do not related curing. Refluxing Me 3-benzotriazol-2-yl-5-tert-butyl-4-hydroxyhydrocinnamate 30.0 and 4-hydroxy-1-methoxy-2,2,6,6-tetramethylpiperidine 19.1 g in xylene with distillation of H2O, cooling to 100°, adding LiNH2, and refluxing 16 h with distillation of MeOH gave 24.5 g 1-methoxy-2,2,6,6-tetramethylpiperidin-4-yl 3-benzotriazol-2-yl-5-tert-butyl-4-hydroxyhydrocinnamate.
IT **131806-90-1P**
RL: PREP (Preparation)
(light stabilizers for polymers, manufacture of)
RN 131806-90-1 CAPLUS
CN Acetamide, 2-(4-benzoyl-3-hydroxyphenoxy)-N-butyl-N-(1-methoxy-2,2,6,6-tetramethyl-4-piperidinyl)- (9CI) (CA INDEX NAME)

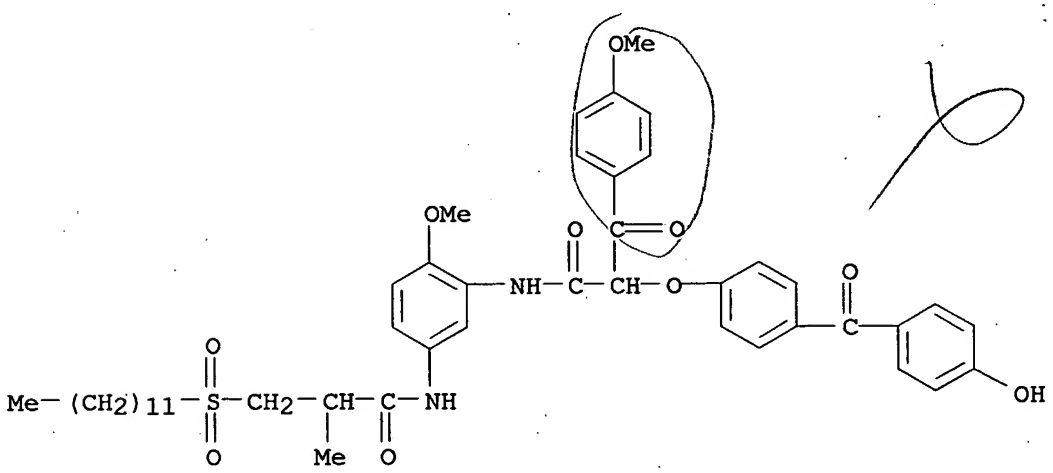


L10 ANSWER 18 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1990:641420 CAPLUS
DN 113:241420
TI Silver halide color photographic materials
IN Tomotake, Atsushi; Kida, Shuji; Tsuruta, Mayumi; Ishii, Fumio
PA Konica Co., Japan
SO Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 02146541	A2	19900605	JP 1988-302629	19881129
PRAI JP 1988-302629		19881129		

AB The title materials contain couplers I (R = alkyl, aryl, heterocyclyl; L = -NR2-, -NR3COJ-; R2 = alkyl, aryl, heterocyclyl; R3 = H or as defined for R2; J = divalent organic group; X, Y = H, substituent; Z = halo, alkoxy, alkylamino; B1-2 = substituent; m, n = 0-3). These yellow couplers are inexpensive, highly dispersible in Ag halide emulsions, and provide high image d., sensitivity and image quality. Thus, in a full-color photog. paper, blue-sensitive Ag halide emulsion layer contained the coupler II (1.1 mmol/m2). Exposed film was processed, using developers containing or not containing PhCH2OH, and gave high-d. image in either case, with good color balance.

IT **130742-98-2**
RL: USES (Uses)
(Photog. coupler, yellow, high coloration)
RN 130742-98-2 CAPLUS
CN Benzenepropanamide, N-[5-[[3-(dodecylsulfonyl)-2-methyl-1-oxopropyl]amino]-2-methoxyphenyl]-α-[4-(4-hydroxybenzoyl)phenoxy]-4-methoxy-β-oxo- (9CI) (CA INDEX NAME)



L10 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1990:562403 CAPLUS
DN 113:162403
TI Silver halide color photographic material
IN Kawagishi, Toshio; Ichijima, Yasushi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 40 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

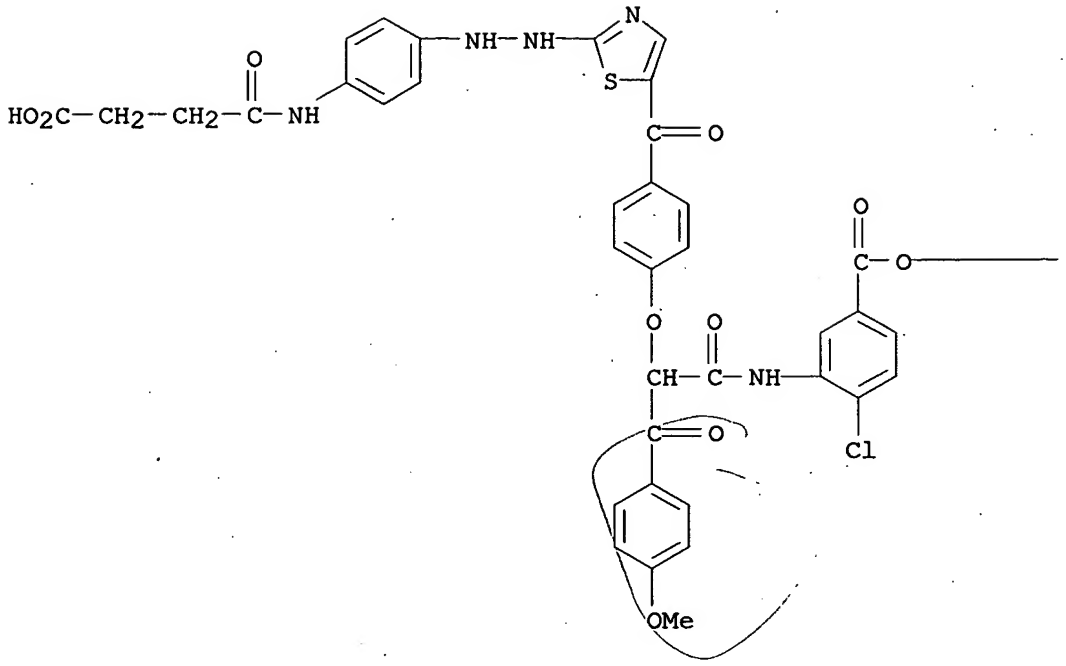
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 02024651	A2	19900126	JP 1988-173698	19880714
PRAI JP 1988-173698		19880714		

AB A blue-sensitive emulsion layer contains a yellow coupler I [R1 = aryl; R2 = H, halogen, alkoxy, aryloxy; R3 = substituent; LVG = group to be released upon coupling reaction with an oxidized aromatic primary amine developer; l = 0-4; a polymer coupler may be formed with R1, R2, R3 or LVG], and A(L)nLED [A = group to release an imagewise-(L)nLED as function of Ag halide development; LED = group to produce a dye by oxidation at development; L = divalent connecting group; n = 0, 1] (a color image is formed as an inverse function of amount of exposure to the blue-sensitive emulsion layer) is contained in the blue-sensitive emulsion layer or a layer adjacent to the blue-sensitive emulsion layer.

IT **129583-60-4P**
RL: TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of, as photog. coupler)

RN 129583-60-4 CAPLUS
CN Benzoic acid, 3-[[2-[4-[[2-[2-[4-[(3-carboxy-1-oxopropyl)amino]phenyl]hydrazino]-5-thiazolyl]carbonyl]phenoxy]-3-(4-methoxyphenyl)-1,3-dioxopropyl]amino]-4-chloro-, dodecyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

$$-(CH_2)_{11}-Me$$

L10 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1990:431824 CAPLUS
DN 113:31824
TI Silver halide color photographic material
IN Ichijima, Yasushi; Sakagami, Megumi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 40 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

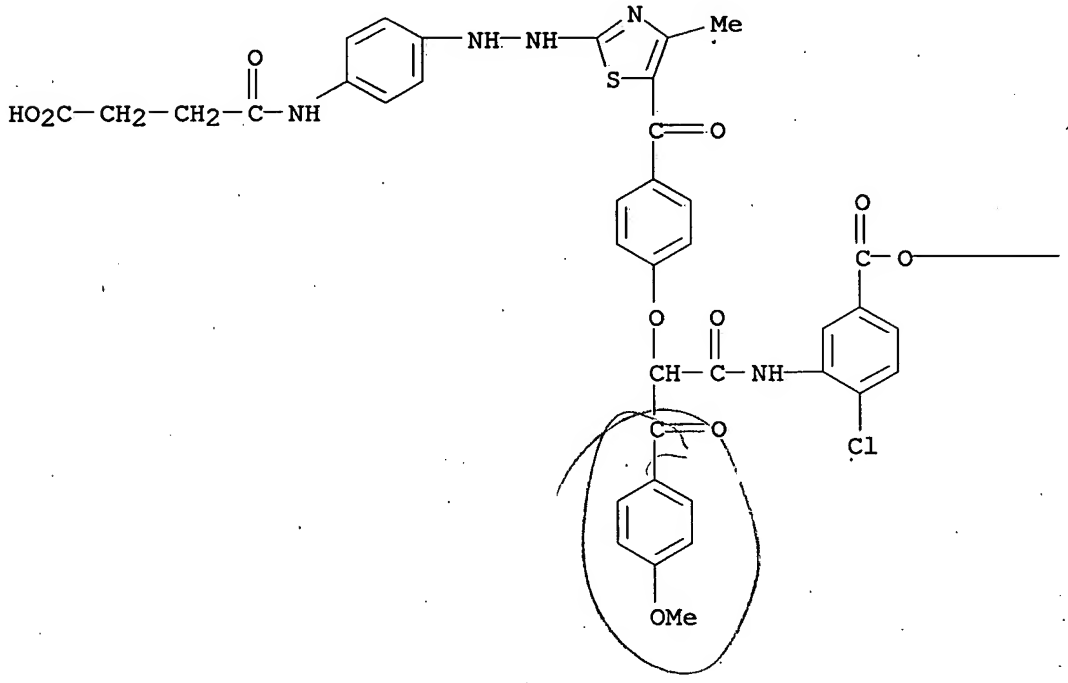
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 01262545	A2	19891019	JP 1988-92058	19880414
PRAI JP 1988-92058		19880414		

AB The title color photog. material contains a colorless derivative A(L)nLED [A = group to release (L)nLED; LED contains a hydrazino group and becomes a color group by changing to azo groups by oxidation; L = divalent connecting group; n = 0, 1]. The color photog. material shows improved sensitivity and color reproducibility.

IT **127799-80-8P**
RL: TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of, as photog. coupler)

RN 127799-80-8 CAPLUS
CN Benzoic acid, 3-[[2-[4-[[2-[2-[4-[(3-carboxy-1-oxopropyl)amino]phenyl]hydrazino]-4-methyl-5-thiazolyl]carbonyl]phenoxy]-3-(4-methoxyphenyl)-1,3-dioxopropyl]amino]-4-chloro-, dodecyl ester (9CI) (CA INDEX NAME)

PAGE 1-A



$$-(CH_2)_{11}-Me$$

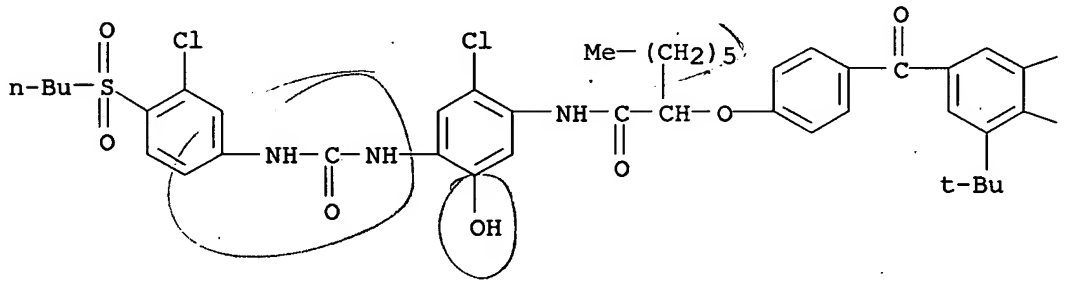
L10 ANSWER 21 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1990:168998 CAPLUS
DN 112:168998
TI Yellow staining-resistant silver halide color photographic material containing cyan coupler
IN Ikesu, Satoru; Mizukura, Noboru
PA Konica Co., Japan
SO Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 01222258	A2	19890905	JP 1988-48368	19880301
PRAI JP 1988-48368		19880301		

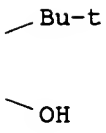
AB The title material has a 3,5-dialkyl-4-dihydroxybenzoyl-substituted cyan coupler. The material prevents discoloration under active ray exposure. Thus, an Ag(Br,Cl) emulsion containing a cyan coupler I was applied onto a polyethylene-laminated paper to give the title material showing no yellow staining after long-term exposure under Xe fade-O-meter.

IT **126393-17-7**
RL: USES (Uses)
(cyan coupler, photog. silver halide emulsion containing, prevention of yellowing in)
RN 126393-17-7 CAPLUS
CN Octanamide, 2-[4-[3,5-bis(1,1-dimethylethyl)-4-hydroxybenzoyl]phenoxy]-N-[4-[[[[4-(butylsulfonyl)-3-chlorophenyl]amino]carbonyl]amino]-2-chloro-5-hydroxyphenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



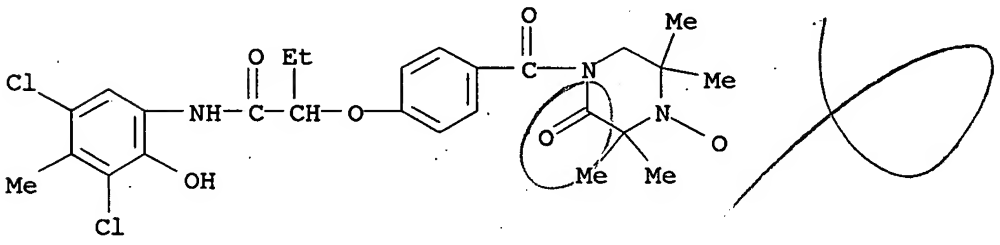
L10 ANSWER 22 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1990:129056 CAPLUS
DN 112:129056
TI Silver halide photographic materials containing nitrogen-heterocycle-linked couplers
IN Morigaki, Masakazu; Nakajo, Kiyoshi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 54 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01191141	A2	19890801	JP 1988-15447	19880126
PRAI	JP 1988-15447		19880126		

AB Ag halide photog. materials contain ≥1 N-heterocycle-linked coupler represented by the general formula I (R1-R4 = alkyl, R1R2 or R3R4 may form 5- to 7-membered ring; A = nonmetal atoms necessary to form 5- to 7-membered ring; X = bivalent group; n = 0, 1; Cp = coupler residue; when n = 1, R = H, OH, oxy radical, alkyl, aryl, acyl, SO3H, or coupler residue; when n = 0, R = coupler residue) (e.g., a cyan coupler II) and show excellent color stability against light, heat, and humidity with reduced occurrence of stains.

IT **125745-37-1P**
RL: PREP (Preparation)
(preparation of, as cyan photog. coupler)

RN 125745-37-1 CAPLUS
CN 1-Piperazinyloxy, 4-[4-[1-[[(3,5-dichloro-2-hydroxy-4-methylphenyl)amino]carbonyl]propoxy]benzoyl]-2,2,6,6-tetramethyl-3-oxo- (9CI) (CA INDEX NAME)



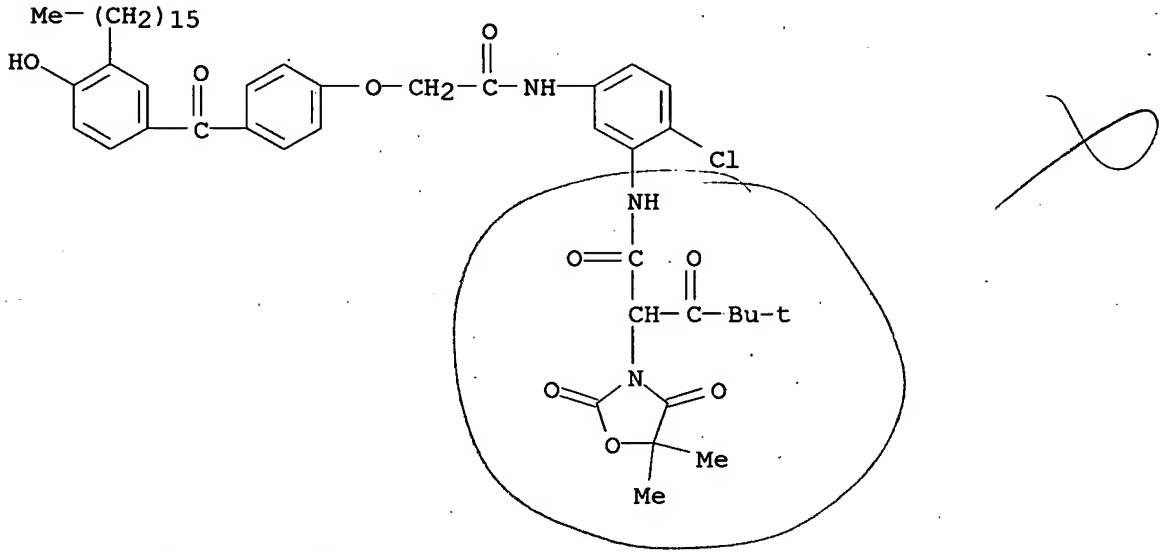
L10 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1990:66562 CAPLUS
DN 112:66562
TI Color picture production process resistant to fluctuations in process parameters
IN Naruse, Hideaki; Yagihara, Morio
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 54 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63148258	A2	19880621	JP 1986-295002	19861212
	JP 2545516	B2	19961023		
PRAI	JP 1986-295002		19861212		

AB The title imaging process is effected with a color photog. material possessing a layer containing ≥1 2-equivalent yellow couplers, R2COCHXR1 [R1 = N-phenylcarbamoyl, R2 = alkyl, aryl; X = I, II, III (R3, R4 = H, halo, ester group, NH2, alkyl, alkylthio, alkoxy, alkylsulfonyl, alkylsulfinyl, caboxylic acid, sulfonic acid, Ph, heterocyclyl; Z = atoms required to form a 4-6-membered ring)], by developing in a color developer solution containing no SO32- for all practical purposes, ≥1 selected from amines, quaternary ammonium salts, nitroxy radicals, alcs., ethers, oximes, amides, and sulfonamides, and a primary aromatic amine type developer.

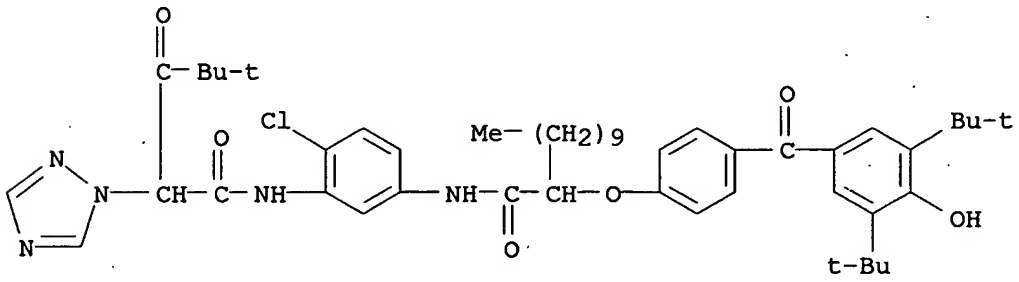
IT **124905-08-4 125045-85-4**
RL: USES (Uses)
(yellow photog. coupler, color paper using)

RN 124905-08-4 CAPLUS
CN 3-Oxazolidineacetamide, N-[2-chloro-5-[[[4-(3-hexadecyl-4-hydroxybenzoyl)phenoxy]acetyl]amino]phenyl]-α-(2,2-dimethyl-1-oxopropyl)-5,5-dimethyl-2,4-dioxo- (9CI) (CA INDEX NAME)



RN 125045-85-4 CAPLUS
CN 1H-1,2,4-Triazole-1-acetamide, N-[5-[[2-[4-[3,5-bis(1,1-dimethylethyl)-4-

hydroxybenzoyl]phenoxy]-1-oxododecyl]amino]-2-chlorophenyl]chloro-α-(2,2-dimethyl-1-oxopropyl)- (9CI) (CA INDEX NAME)



D1— Cl

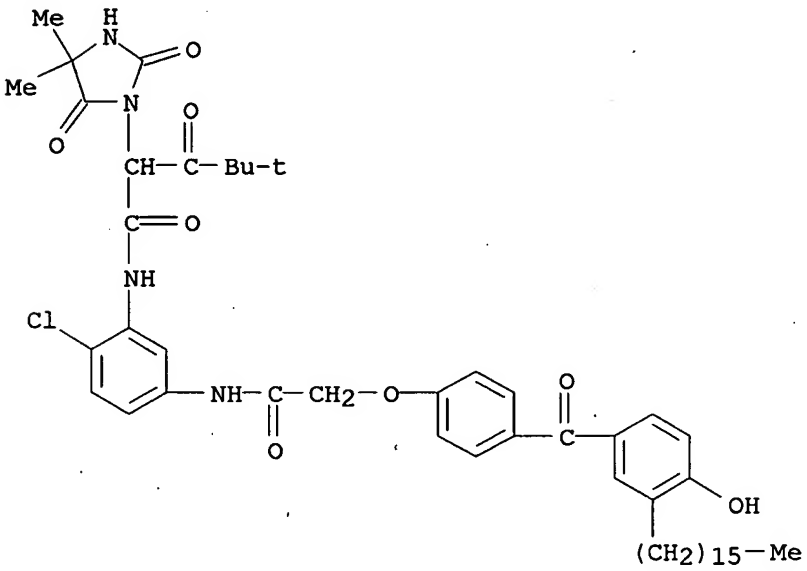
L10 ANSWER 24 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1989:543962 CAPLUS
DN 111:143962
TI Color development of silver halide color photographic material
IN Naruse, Hideaki; Yagihara, Morio; Ishikawa, Takatoshi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 48 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 64000549	A2	19890105	JP 1988-11298	19880121
PRAI JP 1987-36241	A1	19870219		

AB A Ag halide color photog. material with a layer containing ≥1 2-equivalent yellow coupler of the formula R2COCX1HR1 [R2 = alkyl, aryl; R1 = N-phenylcarbamoyl; X1 can be released upon coupling reaction with an oxidized developer] is treated with a color developer solution containing an aromatic primary amine color developing agent and ≥1 compound of the structure I [X = a trivalent group necessary to form a condensed ring; Z1, Z2 = alkylene, arylene, alkenylene, aralkylene]. The color developer solution does not contain benzyl alc. Excellent processing stability can be obtained by using this developer.

IT **122809-36-3**,
RL: USES (Uses)
(photog. 2-equivalent yellow coupler, stable processing of color material containing)

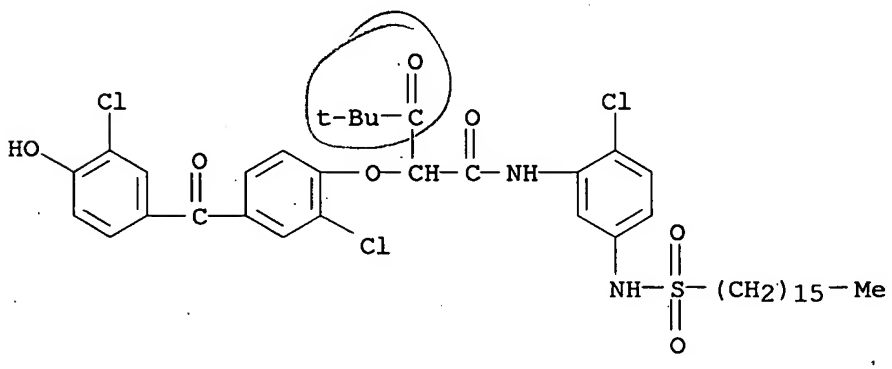
RN 122809-36-3 CAPLUS
CN 1-Imidazolidineacetamide, N-[2-chloro-5-[[[4-(3-hexadecyl-4-hydroxybenzoyl)phenoxy]acetyl]amino]phenyl]-α-(2,2-dimethyl-1-oxopropyl)-4,4-dimethyl-2,5-dioxo- (9CI) (CA INDEX NAME)



L10 ANSWER 25 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1985:140704 CAPLUS
DN 102:140704
TI Silver halide color photographic light-sensitive material
IN Ogawa, Akira; Tsuda, Momotoshi
PA Fuji Photo Film Co., Ltd. , Japan
SO Eur. Pat. Appl., 94 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 126433	A2	19841128	EP 1984-105590	19840516
	EP 126433	A3	19870114		
	EP 126433	B1	19890322		
	R: DE, GB				
	JP 59214854	A2	19841204	JP 1983-88940	19830520
	JP 03011457	B4	19910218		
	US 4511649	A	19850416	US 1984-612499	19840521
PRAI	JP 1983-88940	A	19830520		

OS MARPAT 102:140704
AB Two-equivalent couplers having excellent color-forming properties when processed using a color developer solution free of organic solvent (especially benzyl alc.) for accelerating color formation have at the coupling position a group of formula I (Z = O, S; Z1 = divalent organic connecting group; R, R1 = halogen, alkyl, aryl, aralkyl, alkoxy, aryloxy, CN, NO2, OH, carboxy, alkoxycarbonyl, aryloxycarbonyl, NH2, acylamino, and alkyl- and arylsulfonamido, -sulfamoyl, -carbamoyl, -sulfonyl, and -carbonyl; l = 0, 1; m, n = 0-4, and m + n = 1-8). Thus, a Ag(Br,Cl) emulsion containing coupler II upon exposure and processing using a benzyl alc.-free developer solution gave a color image of Dmax 3.37 and γ 2.31.
IT **94816-17-8**
RL: USES (Uses)
(photog. two-equivalent coupler, for use with developer solution free of benzyl alc.)
RN 94816-17-8 CAPLUS
CN Pentanamide, 2-[2-chloro-4-(3-chloro-4-hydroxybenzoyl)phenoxy]-N-[2-chloro-5-[(hexadecylsulfonyl)amino]phenyl]-4,4-dimethyl-3-oxo- (9CI) (CA INDEX NAME)

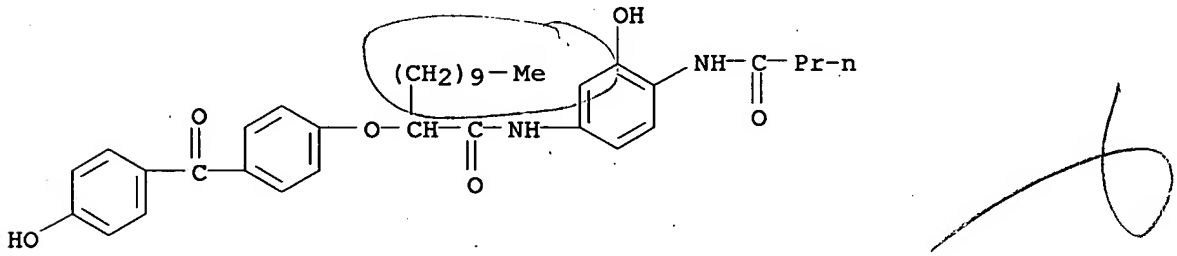


L10 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1985:103458 CAPLUS
DN 102:103458
TI Silver halide color photographic photosensitive materials
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 30 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 59177556	A2	19841008	JP 1983-52926	19830328
PRAI JP 1983-52926		19830328		

AB Ag halide color photog. photosensitive materials contain couplers having hydroxyphenylcarbonyl groups. The couplers exhibit excellent coloration characteristics, and hence the photog. materials do not require presence of development promoters such as PhCH2OH in developers. Thus, a photog. test film prepared by using the yellow coupler I was sensitometrically exposed and developed to give yellow dye images with high Dmax and small Dmin regardless of the type of color developers used.

IT **94972-93-7**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. cyan coupler)
RN 94972-93-7 CAPLUS
CN Dodecanamide, 2-[4-(4-hydroxybenzoyl)phenoxy]-N-[3-hydroxy-4-[(1-oxobutyl)amino]phenyl]- (9CI) (CA INDEX NAME)



IT **94972-92-6**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. magenta coupler)
RN 94972-92-6 CAPLUS
CN Dodecanamide, N-[4-[3-(7-chloro-6-methyl-1H-pyrazolo[5,1-c]-1,2,4-triazol-3-yl)propyl]phenyl]-2-[4-(4-hydroxybenzoyl)phenoxy]- (9CI) (CA INDEX NAME)

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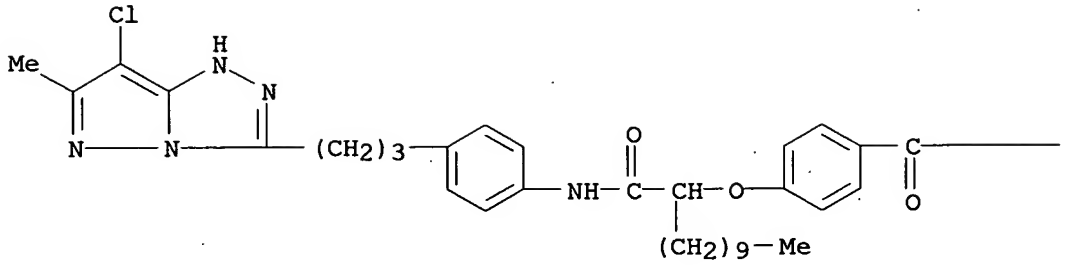
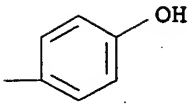


PAGE 1-B



IT **94972-91-5**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. yellow coupler)
RN 94972-91-5 CAPLUS
CN Dodecanamide, N-[4-chloro-3-[[2-[4-[(4-hydroxyphenyl)sulfonyl]phenoxy]-4,4-dimethyl-1,3-dioxopentyl]amino]phenyl]-2-[4-(4-hydroxybenzoyl)phenoxy]-(9CI) (CA INDEX NAME)

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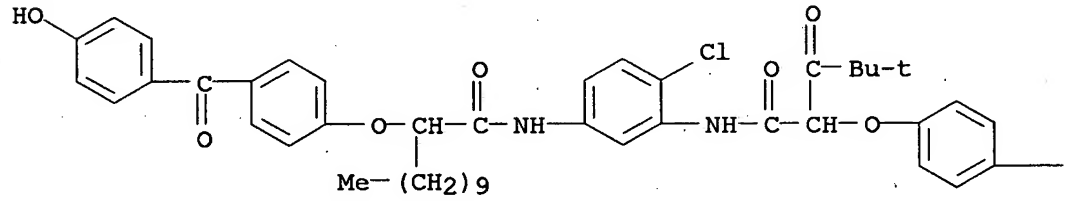

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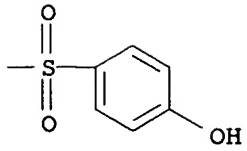
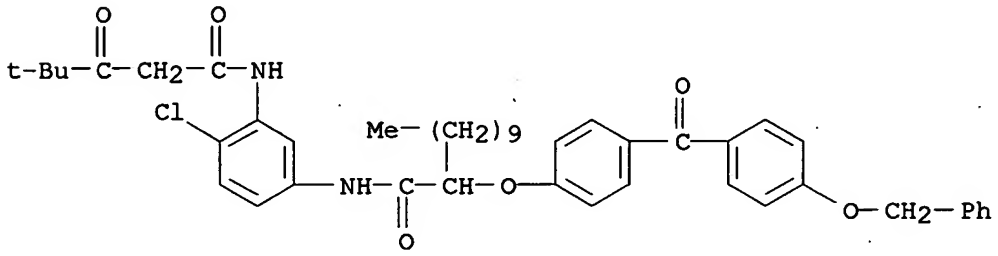


IT **94972-99-3P 94973-16-7P 94984-97-1P**
RL: RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(preparation and hydrogenation-debenzylation of)

RN 94972-99-3 CAPLUS

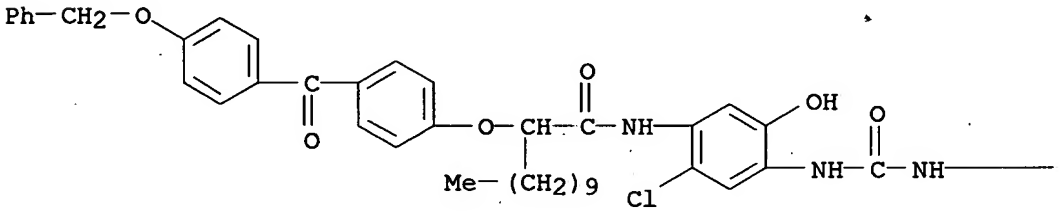
CN Dodecanamide, N-[4-chloro-3-[(4,4-dimethyl-1,3-dioxopentyl)amino]phenyl]-2-[4-[4-(phenylmethoxy)benzoyl]phenoxy]- (9CI) (CA INDEX NAME)



RN 94973-16-7 CAPLUS

CN Dodecanamide, N-[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]-2-[4-[4-(phenylmethoxy)benzoyl]phenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



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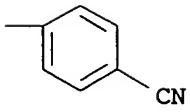

RN 94984-97-1 CAPLUS

CN Dodecanamide, N-[3-[[4-[[2-butoxy-5-(1,1,3,3-tetramethylbutyl)phenyl]thio]-4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]amino]-4-chlorophenyl]-2-[4-[4-(phenylmethoxy)benzoyl]phenoxy]- (9CI) (CA INDEX NAME)

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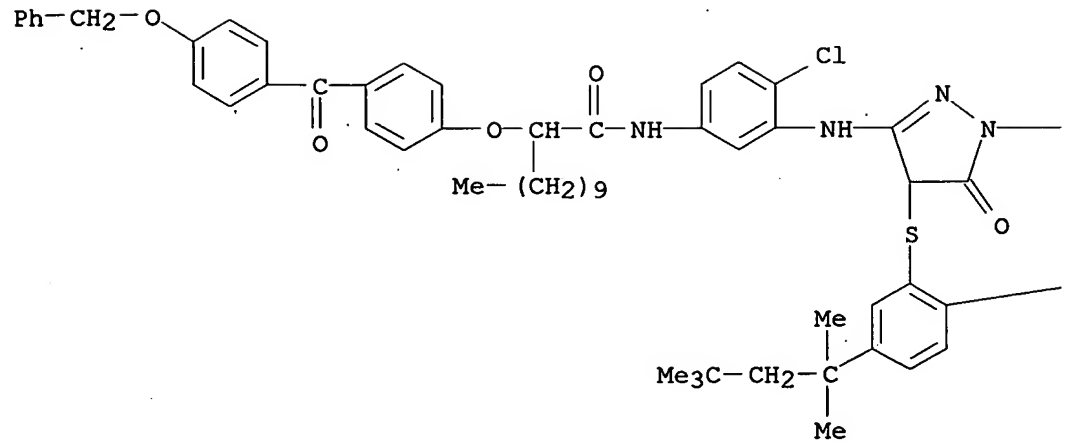

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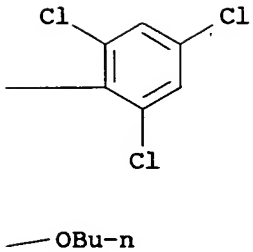

IT **94973-15-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of)
RN 94973-15-6 CAPLUS
CN Dodecanamide, N-[4-chloro-3-[[4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]amino]phenyl]-2-[4-[4-(phenylmethoxy)benzoyl]phenoxy]-(9CI) (CA INDEX NAME)

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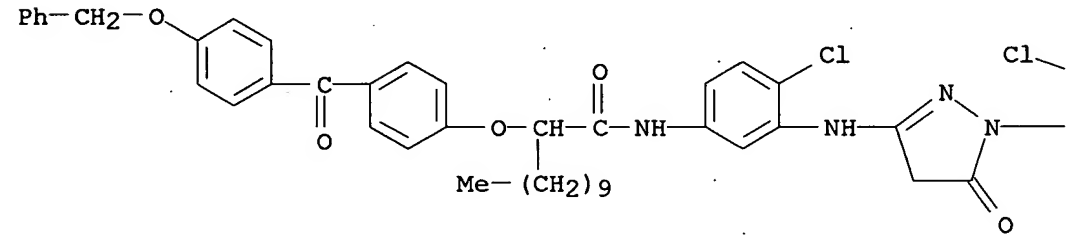
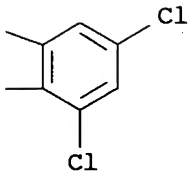
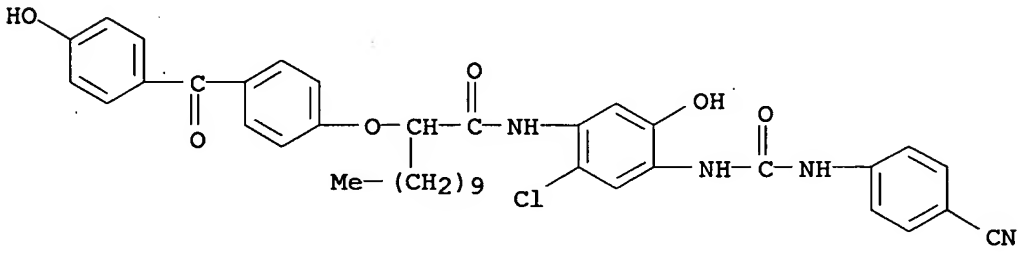




IT **94972-90-4P**
RL: PREP (Preparation)
(preparation of, as photog. cyan coupler)
RN 94972-90-4 CAPLUS
CN Dodecanamide, N-[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]-2-[4-(4-hydroxybenzoyl)phenoxy]- (9CI) (CA INDEX NAME)



IT **94984-95-9P**
RL: PREP (Preparation)
(preparation of, as photog. magenta coupler)
RN 94984-95-9 CAPLUS
CN Dodecanamide, N-[3-[[4-[[2-butoxy-5-(1,1,3,3-tetramethylbutyl)phenyl]thio]-4,5-dihydro-5-oxo-1-(2,4,6-trichlorophenyl)-1H-pyrazol-3-yl]amino]-4-chlorophenyl]-2-[4-(4-hydroxybenzoyl)phenoxy]- (9CI) (CA INDEX NAME)

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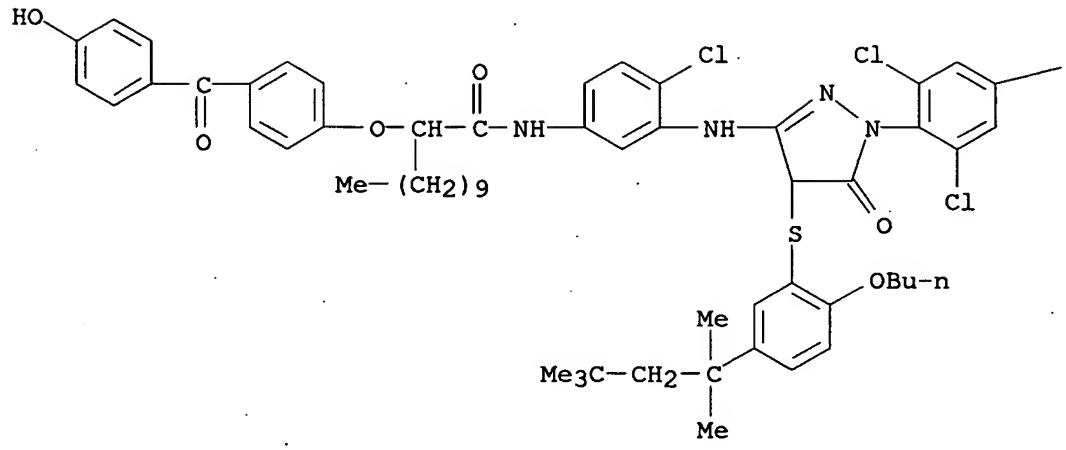

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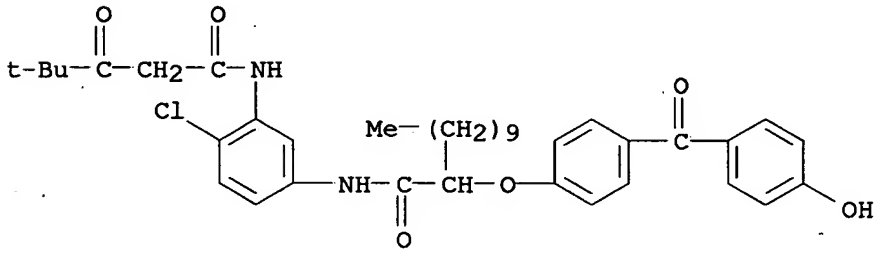
Cl

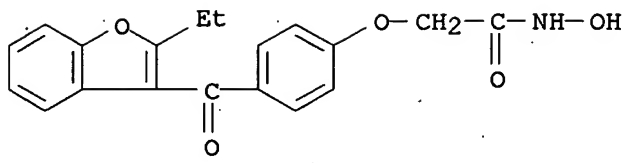
IT **94972-87-9P**
RL: PREP (Preparation)
(preparation of, as photog. yellow coupler)
RN 94972-87-9 CAPLUS
CN Dodecanamide, N-[4-chloro-3-[(4,4-dimethyl-1,3-dioxopentyl)amino]phenyl]-2-[4-(4-hydroxybenzoyl)phenoxy]- (9CI) (CA INDEX NAME)



L10 ANSWER 27 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1984:510717 CAPLUS
DN 101:110717
TI Benzofuran and benzothiophene derivatives, and a pharmaceutical containing them
IN Tomiyama, Tsuyoshi; Tomiyama, Akira; Kubota, Koichi
PA Kotobuki Seiyaku K. K., Japan
SO Ger. Offen., 32 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3332162	A1	19840419	DE 1983-3332162	19830906
	DE 3332162	C2	19940217		
	JP 59073579	A2	19840425	JP 1982-182130	19821019
	JP 04033793	B4	19920604		
	GB 2131795	A1	19840627	GB 1983-24252	19830909
	GB 2131795	B2	19851120		
	FR 2534582	A1	19840420	FR 1983-16346	19831014
	FR 2534582	B1	19861212		
	US 4797415	A	19890110	US 1986-891276	19860728
	US 5004750	A	19910402	US 1988-280564	19881206
	US 5175184	A	19921229	US 1992-870106	19920417
	US 5274000	A	19931228	US 1992-873353	19920421
PRAI	JP 1982-182130	A	19821019		
	US 1983-543292	A2	19831019		
	US 1986-891276	A3	19860728		
	US 1988-280564	A3	19881206		
	US 1990-564849	B1	19900808		
	US 1991-665663	B1	19910307		

OS CASREACT 101:110717
AB Title compds. I [R = alkyl; R1 = substituted Ph, HO2CC(:CH2)CH2; X = O, S; Z = CO, R2OCH; R2 = H, alkyl) were prepared Thus, 2-ethylbenzofuran underwent Friedel-Crafts benzoylation with 2-MeOC6H4COCl to give I (R = Et, R1 = 2-MeOC6H4, X = O, Z = CO). This was demethylated by pyridine-HCl and the phenol was alkylated with ClCH2CO2H to give I (R = Et, R1 = 2-HO2CCH2OC6H4, X = O, Z = CO) (II). Mice administered 200 mg II/kg (s.c.), followed after 30 min by 75 mg phenol red (III)/kg (i.v.), had 51.5 ± 15.2% higher III blood concentration after 60 min than the control animals.
IT **91627-38-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and diuretic activity of)
RN 91627-38-2 CAPLUS
CN Acetamide, 2-[4-[(2-ethyl-3-benzofuranyl)carbonyl]phenoxy]-N-hydroxy- (9CI) (CA INDEX NAME)



L10 ANSWER 28 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1983:531268 CAPLUS
DN 99:131268
TI Formation of cyan dye photographic image
PA Konishiroku Photo Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57150848	A2	19820917	JP 1981-36160	19810313
	JP 01035338	B4	19890725		
PRAI	JP 1981-36160		19810313		

AB A cyan dye image is formed with a Ag halide color film by using a 2,5-diacylaminophenol cyan coupler in which ≥ 1 of the substituents on the acylamino groups at the 2- or 5-position is selected from aryl, heterocyclyl, acyl, carbamoyl-substituted aryloxy, alkoxy, or heterocyclyloxy.
IT **87133-39-9 87140-39-4**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. cyan coupler, for images with high sensitivity and d.)
RN 87133-39-9 CAPLUS
CN Hexadecanamide, 2-[3-[4-[(butylamino)sulfonyl]benzoyl]phenoxy]-N-[2-chloro-4-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-5-hydroxyphenyl]- (9CI) (CA INDEX NAME)

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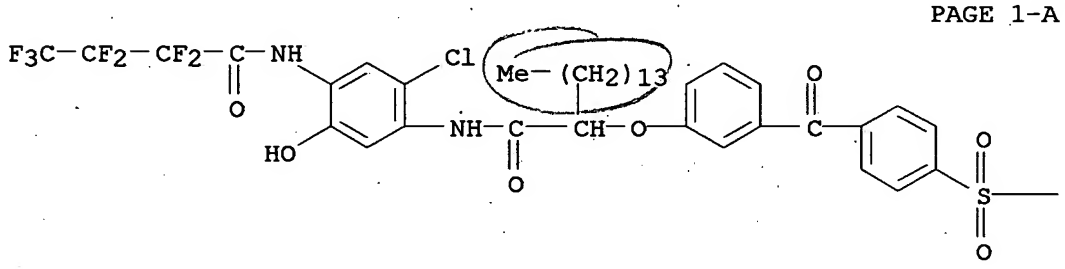

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—NHBu-n

RN 87140-39-4 CAPLUS
CN Benzamide, 3-[(butylsulfonyl)amino]-N-[3,5-dichloro-2-hydroxy-4-[[[4-[3-[(1-oxotetradecyl)amino]benzoyl]phenoxy]acetyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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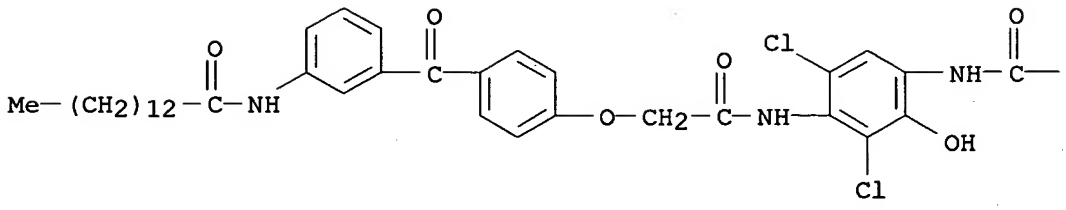

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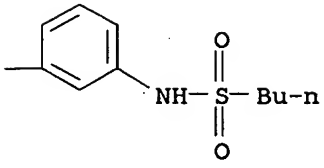
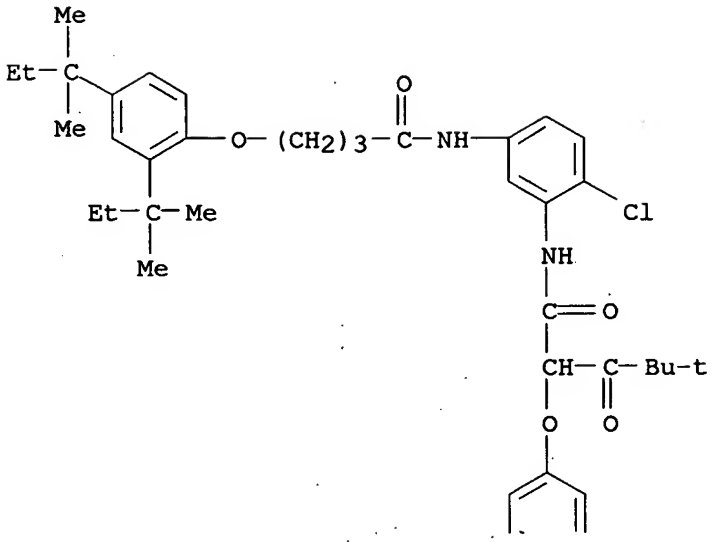


L10 ANSWER 29 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1981:488917 CAPLUS
DN 95:88917
TI Photographic silver halide elements for the color diffusion-transfer process
PA Fuji Photo Film Co., Ltd., Japan
SO Brit., 55 pp.
CODEN: BRXXAA
DT Patent
LA English
FAN.CNT 1

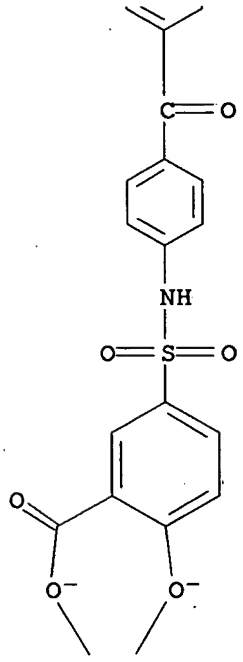
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1568855	A	19800604	GB 1977-8879	19770302
	JP 59031062	B4	19840731	JP 1976-22779	19760303
	US 4493885	A	19850115	US 1983-491788	19830510
PRAI	JP 1976-22779	A	19760303		
	GB 1977-8879	A	19770302		
	US 1977-774173	A1	19770303		
	US 1978-962729	A2	19781121		
	US 1980-111067	A1	19800110		
	US 1981-285245	A1	19810720		

OS MARPAT 95:88917
AB Color photog. diffusion-transfer materials containing nondiffusible compds. capable of releasing diffusible dye moieties with improved mordantability and heat- or light-fastness, and whose hues do not change with pH variation, comprise a support coated with Ag halide emulsion containing a redox compound or coupler which, on reaction with the oxidation product of a developer, releases a diffusible metal complex coordinated with a dye or dye precursor, a cyclic or chain bidentate ligand, and a monodentate ligand. Thus, 7.8 g dye-releasing compound I was dissolved in 14 mL diethyllaurylamide and 35 mL cyclohexanone and the solution was mixed with 100 g aqueous gelatin containing 0.5 g emulsifier and 0.2 g antioxidant. After addition of 70 mL H2O at 5°, the emulsion was solidified, mixed with 120 g Ag(I,Br) emulsion containing 0.4 g hardener, and coated onto a subbed support to give 120 g Ag/cm2, followed by a 1-μ-thick gelatin layer. The material was exposed to light through a step wedge, superposed on an image-receiving material comprising Baryta paper coated with a gelatin-mordant composition, and a processing liquid was spread between both materials to give 1.8 mL liquid/100 cm2. After 10 min the photosensitive material was stripped off to give a good magenta neg. The image-receiving material was immersed 5 min in a buffer solution at pH 4, 7, or 11; the hue of the transferred image was the same at each pH and did not fade.
IT **75936-91-3**
RL: USES (Uses)
(redox couplers, diffusion-transfer color photog. materials containing)
RN 75936-91-3 CAPLUS
CN Chromate(1-), aqua[5-[[[3-[4-[1-[[[5-[[4-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-chlorophenyl]amino]carbonyl]-3,3-dimethyl-2-oxobutoxy]benzoyl]phenyl]amino]sulfonyl]-2-hydroxybenzoato(2-)-O1,O2][4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-3-hydroxy-N,N-bis(2-hydroxyethyl)-1-naphthalenesulfonamidato(2-)]-, hydrogen (9CI) (CA INDEX NAME)

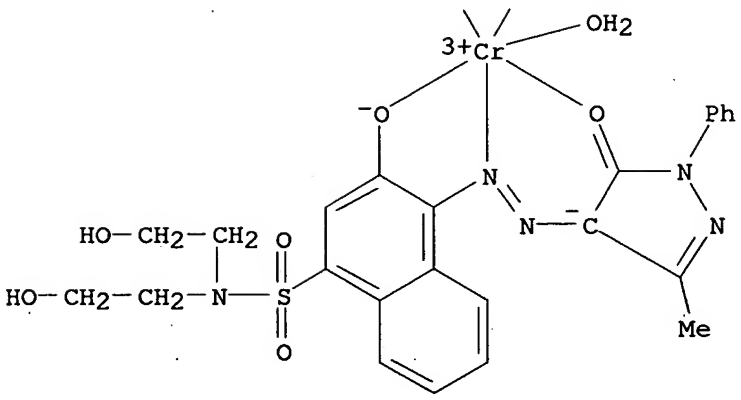
PAGE 1-A



PAGE 2-A



PAGE 3-A



● H^+

L10 ANSWER 30 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1979:515331 CAPLUS
DN 91:115331
TI Silver halide emulsions containing yellow-dye-forming couplers
IN Lau, Philip T. S.
PA Eastman Kodak Co., USA
SO U.S., 8 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4157919	A	19790612	US 1978-892070	19780331
	CA 1128543	A1	19820727	CA 1978-305457	19780614
	JP 54133329	A2	19791017	JP 1979-36806	19790328
	JP 59041183	B4	19841005		
	DE 2912890	A1	19791011	DE 1979-2912890	19790330
	DE 2912890	C2	19850110		
	FR 2421408	A1	19791026	FR 1979-7997	19790330
	FR 2421408	B1	19811224		
	GB 2017704	A	19791010	GB 1979-11482	19790402
	GB 2017704	B2	19820811		
PRAI	US 1978-892070	A	19780331		

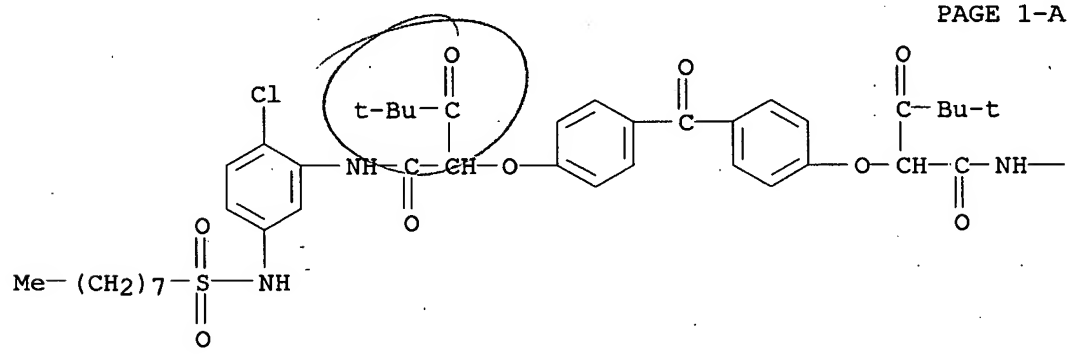
AB Bis yellow-dye-forming couplers having the formula I (R = C6-12 aryl, C6-12 aryloxyalkylene, C6-12 arylthioalkylene; R1 = C4-16 alkyl; R2 = ≥1 halo, alkyl, alkoxy, CO2H, or alkoxycarbonyl; Z = SO2, CO, or C1-4 alkylenedisulfonamido) are described. These couplers have both improved reactivity and a low mol. weight; hence, they permit the formation of a given amount of dye d. with a min. mol. weight/molar equivalent of coupler.

Thus, a single layer gelatin-Ag halide emulsion coating 0.76 g/m2 Ag, 3.78 g/m2 gelatin, and a molar equivalent of II was exposed and developed to show a Dmax of 3.01, a fog of 0.14, a γ of 0.87, and a speed of 3.56 vs. 2.81, 0.15, 0.84, and 3.60, resp., for a control containing III.

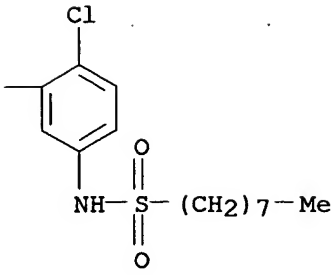
IT **67878-64-2 67878-65-3**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. yellow coupler)

RN 67878-64-2 CAPLUS
CN Pentanamide, 2,2'-[carbonylbis(4,1-phenyleneoxy)]bis[N-[2-chloro-5-[(octylsulfonyl)amino]phenyl]-4,4-dimethyl-3-oxo- (9CI) (CA INDEX NAME)

PAGE 1-A

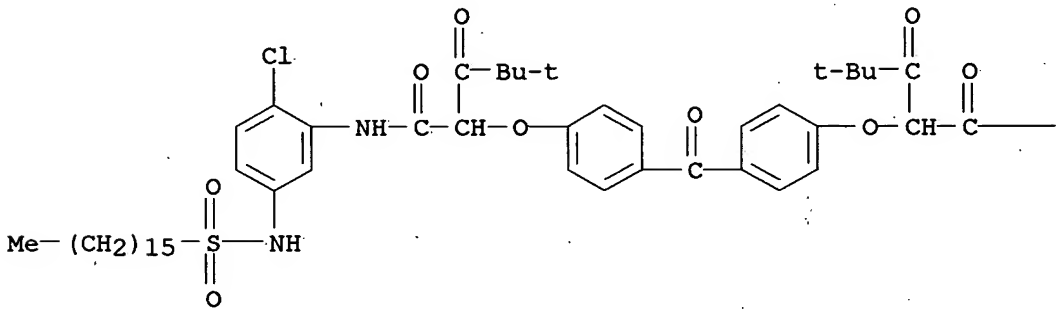


PAGE 1-B

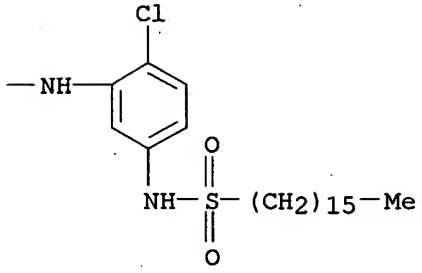


RN 67878-65-3 CAPLUS
CN Pentanamide, 2,2'-[carbonylbis(4,1-phenyleneoxy)]bis[N-[2-chloro-5-[(hexadecylsulfonyl)amino]phenyl]-4,4-dimethyl-3-oxo- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L10 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1979:64340 CAPLUS
DN 90:64340
TI Bis yellow dye-forming couplers
AU Lau, Philip T. S.
CS UK
SO Research Disclosure (1978), 172, 57-8 (No. 17237)
CODEN: RSDSBB; ISSN: 0374-4353
DT Journal; Patent
LA English

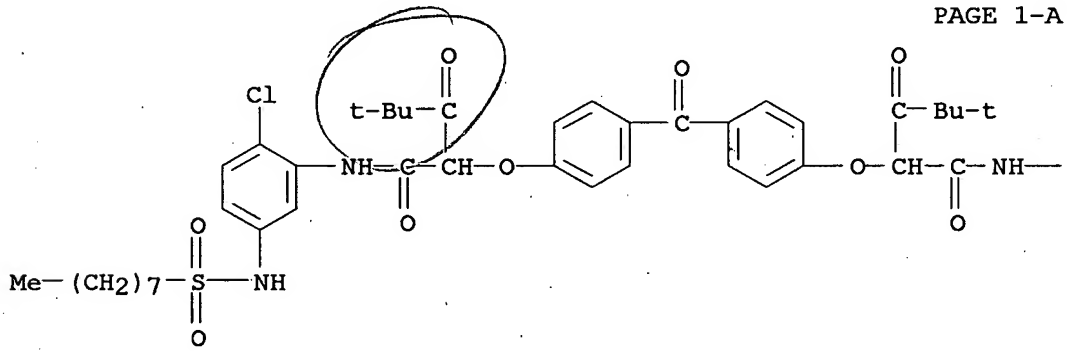
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI RD 172037		19780810		
PRAI RD 1978-172037		19780810		

AB Eight nondiffusible bis yellow-dye-forming couplers in which 2 coupler moieties are joined to one another through their coupling positions are described. The couplers have structural formula I (R = alkyl, aryl, aryloxyalkyl, or arylthioalkyl; R1 = alkyl; R2 = halo, alkyl, alkoxy, carboxy, or alkoxycarbonyl; Z = SO2, CO, or alkylenedisulfonamido). Thus, a photog. material containing 1.34 mol I (Z = SO2; R = Me3C; R1 = C16H33; R2 = 2-Cl)/m2 was sensitometrically exposed, developed in a solution containing 3-amino-3-methyl-N,N-diethylaniline as the developing agent, and the Dmax, fog, γ, and speed determined to be 3.71, 0.20, 1.33, and 3.51.

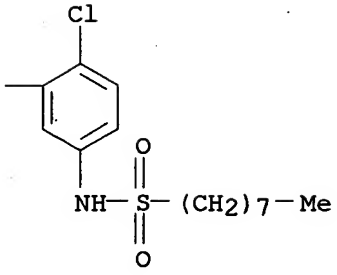
IT **67878-64-2 67878-65-3**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. yellow coupler)

RN 67878-64-2 CAPLUS
CN Pentanamide, 2,2'-[carbonylbis(4,1-phenyleneoxy)]bis[N-[2-chloro-5-[(octylsulfonyl)amino]phenyl]-4,4-dimethyl-3-oxo- (9CI) (CA INDEX NAME)

PAGE 1-A

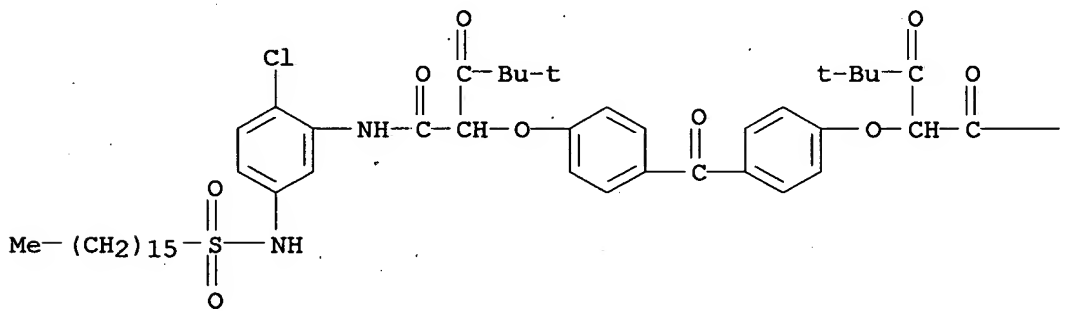


PAGE 1-B

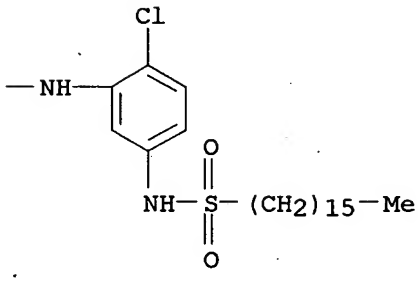


RN 67878-65-3 CAPLUS
CN Pentanamide, 2,2'-[carbonylbis(4,1-phenyleneoxy)]bis[N-[2-chloro-5-[(hexadecylsulfonyl)amino]phenyl]-4,4-dimethyl-3-oxo- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



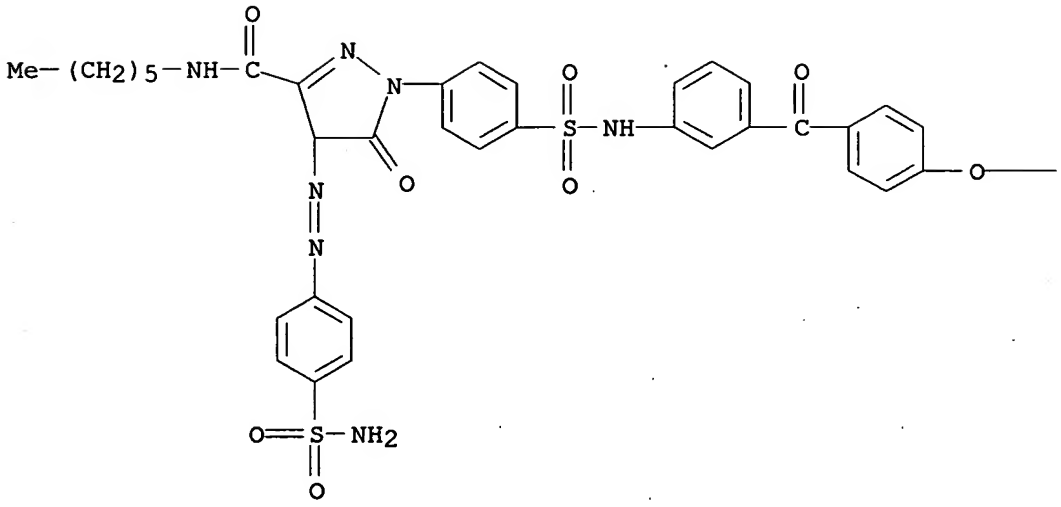
L10 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1977:163598 CAPLUS
DN 86:163598
TI Pyrazoloneazo dye-releasing coupler for diffusion-transfer photographic materials
IN Fujita, Shinsaku; Harada, Tohru; Sakanoue, Seiki
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 51133021	A2	19761118	JP 1975-57040	19750514
	JP 57012982	B4	19820313		
PRAI	JP 1975-57040	A	19750514		

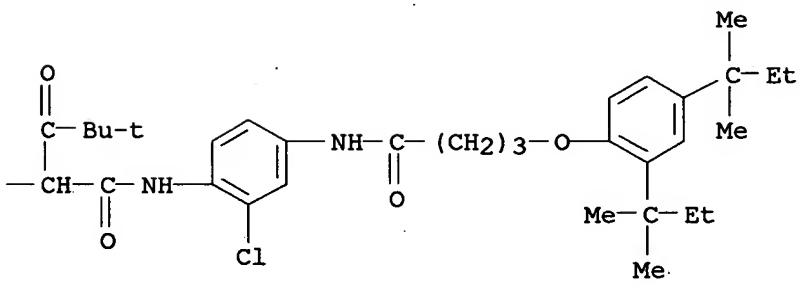
AB Diffusion-transfer photog. materials contain, in ≤1 of their Ag halide emulsion layers, a diffusable pyrazolonylazo dye-releasing coupler in which the pyrazolonylazo dye group is bonded via an O-containing group to the coupler part. The coupler does not release N during development, and gives a high-quality yellow dye. Thus, 1-phenyl-3-(N-hexylcarbamoyl-4-(p-sulfamoylphenylazo)-5-pyrazolone 5 g was treated with chlorosulfonic acid 25 mL at 10°. The resulting 1-(p-chlorosulfonylphenyl)-3-(N-hexylcarbamoyl)-4-(p-sulfamoylphenylazo)-5-pyrazolone 4.1 and 1-hydroxy-4-[4'-(4''-aminophenyl)-1',4'-dioxabutyl]-N-dodecylamino-2-naphthamide 4g were dispersed in THF 88 mL, pyridine 5.6 mL added, the mixture stirred for 4.5 h, and the reaction products were added to 1% HCl 500 mL to precipitate the coupler I (m.p. 196-8°). Then, I was added to a high-sensitivity neg. type red-sensitive Ag(Br,I) (7 mol% I) emulsion sensitized with 3,3',9-triethyl-5,5'-dichlorothiacarbocyanine iodine, coated on a gelatin-coated cellulose triacetate support so that the amts. of I, Ag halide, and gelatin in the red-sensitive emulsion layer were 1.5 + 10-5, 7.5 + 10-5 mol, and 20 mg/100 cm2, resp., overcoated with gelatin 6.5 mg/100 cm2, exposed through an optical wedge and a red filter to a 2854 K W-lamp, placed on a receptor sheet prepared by coating baryta paper with a solution containing a polymer having the structure II (mol. weight 30,000-40,000) 35 and gelatin 7%, and processed with a solution containing ascorbic acid 0.2, 3-methyl-N-ethyl-N-(β-hydroxyethyl)-p-phenylenediamine H2SO4 salt 35, KBr 1.4, 6-nitrobenzimidazole HNO3 salt 0.2, hydroxyethyl cellulose 30, and NaOH 20 g/L to give an image having a maximum and min. d. of 2.0 and 0.10, resp., vs. 1.9 and 0.10, resp., for a control containing III instead of I.

IT **62555-58-2**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. yellow coupler, for producing pyrazolonylazo dye images)
RN 62555-58-2 CAPLUS
CN 1H-Pyrazole-3-carboxamide, 4-[[4-(aminosulfonyl)phenyl]azo]-1-[4-[[[3-[4-[1-[[[5-[[4-[2,4-bis(1,1-dimethylpropyl)phenoxy]-1-oxobutyl]amino]-2-chlorophenyl]amino]carbonyl]-3,3-dimethyl-2-oxobutoxy]benzoyl]phenyl]amino]sulfonyl]phenyl]-N-hexyl-4,5-dihydro-5-oxo- (9CI) (CA INDEX NAME)

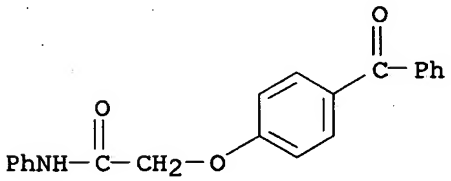
PAGE 1-A



PAGE 1-B



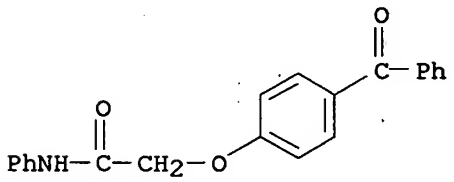
L10 ANSWER 33 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1974:420778 CAPLUS
DN 81:20778
TI Synthesis and pharmacological study of 4-acylphenoxyacetate derivatives
AU De Cointet, Paul; Loppinet, Vincent; Sornay, Roland; Morinere, Jean L.; Boucherle, Andre; Renson, Francois J.; Voegelin, Heinz; Dumont, Colette
CS Lab. Fournier, Chenove, Fr.
SO Chimica Therapeutica (1973), 8(5), 574-87
CODEN: CHTPBA; ISSN: 0009-4374
DT Journal
LA French
AB Of the 65 4-acylphenoxyacetate derivs. (I, X = O or NOH) tested in exptl. animals, 4'-(1-piperidylcarbonylmethoxy)acetophenone oxime (I, R = Me, R1 = piperidyl, X = NOH) [31224-92-7] showed interesting antiinflammatory activity, while 4'-(1-morpholinylcarbonylmethoxy)acetophenone oxime (I, R = Me, R1 = morpholinyl, X = NOH) [29936-79-6] showed interesting sedative antitussive activity. The amides with R = H or alkyl were prepared by ammonolysis of the corresponding esters, while amides with R = aryl were prepared via acid chloride intermediates. The oximes were prepared by oximation of the appropriate amides. I pharmacol. was discussed with respect to structure.
IT **42018-53-1P**
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(preparation and pharmacol. of)
RN 42018-53-1 CAPLUS
CN Acetamide, 2-(4-benzoylphenoxy)-N-phenyl- (9CI) (CA INDEX NAME)



L10 ANSWER 34 OF 34 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1973:453029 CAPLUS
DN 79:53029
TI Phenoxycarboxylic acid derivatives and pharmaceutical preparations containing them
IN Mieville, Andre
PA Laboratoires Fournier SA
SO Ger. Offen., 62 pp. Addn. to Ger. Offen. 2,003,430 (CA 74;3409d).
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2250327	A1	19730426	DE 1972-2250327	19721013
	DE 2250327	C2	19820701		
	FR 2157853	A2	19730608	FR 1972-36165	19721012
	BE 790026	A4	19730201	BE 1972-2052243	19721013
	GB 1415295	A	19751126	GB 1971-47927	19721016
PRAI	GB 1971-47926	A	19711014		
	GB 1971-47927	A	19711014		
	BE 1969-742484	A	19691201		

AB Approx. 200 RC(:X)R1R2C6H2OCR3R4COR5 (I; R = alkyl, Ph, substituted phenyl; X = O, NOH; R1 and R2 = the same or different H, halogen, CF3, SMe, etc.; R3 and R4 = the same or different H, Me, Et, p-FC6H4; R5 = OH, NH2, polymethyleneimino, alkoxy), which were analgesics, antitussives, and blood cholesterol-lowering substances, were prepared
IT **42018-53-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 42018-53-1 CAPLUS
CN Acetamide, 2-(4-benzoylphenoxy)-N-phenyl- (9CI) (CA INDEX NAME)



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L3                STRUCTURE UPLOADED
L4              6 S L3 SSS SAM
L5            276 S L3 SSS FUL
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L7              1 S L6 SSS SAM SUB=L5
L8              7 S L6 SSS FUL SUB=L5
L9            269 S L5 NOT L8

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L10            34 S L9

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